

DEPARTMENT OF THE ARMY  
Omaha District, Corps of Engineers  
106 South 15th Street  
Omaha, Nebraska 68102-1618

:NOTICE: Failure to acknowledge : Solicitation No. W9128F 04 B 0012  
:all amendments may cause rejec- :  
:tion of the bid. See FAR : Date of Issue: 09 Aug 2004  
:52.214-3 of Section 00100 : Date of Opening: 08 Sep 2004

Amendment No. 0002  
25 Aug 2004

SUBJECT: Amendment No. 0002 to Specifications and Drawings for Construction of  
Plattsmouth Chute Restoration Project, Missouri River, Plattsmouth,  
NE

Solicitation No. W9128F 04 B 0012.

TO: Prospective Bidders and Others Concerned

1. The specifications and drawings for subject project are hereby modified as follows (revise all specification indices, attachment lists, and drawing indices accordingly).

a. Specifications. (Descriptive Changes.)

(1) Amendment No 1, correct the date of Amendment No 1 from "16 Sep 2004" to "16 Aug 2004"

(2) Section 02300 Page 2, PART 1 - GENERAL, line 3, delete the words "Goose Lake and".

(3) Section 02300 Page 3, delete paragraph 3.2.3 and substitute the following:

"3.2.3 Goose Lake

All excavated material from the Goose Lake inlet and outlet channels shall be placed within the limits of the chute alignment to be disposed of during the dredging operation.

While removing portions of the existing dike structures, which extend into Goose Lake, excavation should not extend into the berms. The intent is to degrade the dike structures within Goose Lake only, down to elevation 941 on the lake bottom, and thus avoiding impact to, and the need to rebuild, the existing Goose Lake berm."

(4) Section 02300 Page 3, delete paragraph 3.2.4.2 and substitute "Not USED".

(5) Section 02300 Page 4, delete paragraph 3.3.2. and substitute "Not USED".

(6) Section 02325N Page 4, paragraph 3.2.5.1, line 3, delete "(not including material dredged from Goose Lake)".

(7) Section 02325N Page 6, paragraph 3.5.3, delete last sentence of paragraph 3.5.3. reading "The restrictions set forth in this section . . . . in the river."

(8) Section 02380A Page 7, paragraph 3.3.1, delete last sentence that reads, "If salvaged stone material remains after all designated structural uses are met, the contractor shall place that stone on other dikes in the project area, as directed by the COR."

(9) Section 02380A Page 8, paragraph 3.4.3, delete last sentence that reads, "Any unused salvaged stone shall be spread evenly in the chute bottom, immediately downstream of the inlet structure at the Contracting Officers direction".

b. Specifications (New and/or Revised and Reissued). Delete and substitute or add specification pages as noted below. The substituted pages are revised and reissued with this amendment.

<u>Pages Deleted</u>	<u>Pages Substituted or Added</u>
00010-3 thru 00010-4	00010-3 thru 00010-4
Section 01500: MEASUREMENT AND PAYMENT	Section 01500: MEASUREMENT AND PAYMENT

Attachments To Be Added

Attachments to Section 01355

Clean Water Action Section 404 Authorization letter  
State of Nebraska Section 401 Water Quality Certification.  
State of Iowa Section 401 Water Quality Certification

Attachments to Section 01562

Copy of the "Authorization To Discharge Under The State Of Nebraska  
National Pollutant Discharge Elimination System (NPDES)  
NPDES Permit Number NER100000

b. Drawings (Not Reissued). The following drawing sheets are revised as indicated below with latest revision date of 25 August 2004. These drawings are not reissued with this amendment.

(1) Sheet B6.04, add the following new note

"3. There is no grading of the Goose Lake bottom or sideslopes required. Construction activities, per this sheet, covers the Goose Lake Inlet, located between coordinates N 466,434.77, E 2,775,943.58 and N 466,590.09, E 2,776,609.83. "

(2) Sheet B6.05, Delete Note 3 and substitute the following:

"3. There is no grading of the Goose Lake bottom or sideslopes required. Construction activities, per this sheet, covers the Goose Lake Outlet, located between coordinates N 462,294.97, E 2,778,922.31 and N 462,551.74, E 2,779,476.52. "

(3) Sheet H8.03, add the following new note

"2. Bedding for the 200-foot wide inlet sill shall be comprised of stone salvaged from dike 637.9-A, located at the inlet. In the event that designated bedding volumes exceed salvaged stone (including any stone obtained under Option O-1, Goose Lake) the Contractor shall substitute quarried stone. Salvage stone placement at the inlet structure takes precedence over requirements at the outlet structure."

(4) Sheet H8.02, delete existing Notes 2 and 3, and replace with the following Notes 2 and 3 and add the new Note 5.

"2. If salvage stone remains after meeting the bedding demands for the 200-foot wide sections of both the inlet and outlet structures, the remaining salvaged stone shall be placed in the bottom of the adjacent 35-foot long trenches. This would reduce the overall quantity of riprap.

3. If salvage stone remains after fulfilling the requirements of Note 2 on Sheet H8.03 and Notes 1 and 2 of this sheet, further quantity can be placed in the 70-foot long trenches to be excavated perpendicular to the spur dikes (635.3, 635.2). If a partial quantity of salvage stone remains, volume will be filled from top-down. If no salvage stone remains then these trenches do not require excavation. No quarried stone is required.

5. Dike 635.3 is at river mile 592 (river mile sign 592 is visible on the Missouri River's left bank)."

c. Drawings (DELETED). The following drawing sheets have been deleted and are to be removed from the drawing package.

(1) Sheets B6.02 and B6.03.

2. This amendment is a part of the bidding papers and its receipt shall be acknowledged on the Standard Form 1442. All other conditions and requirements of the specifications remain unchanged. If the bids have been mailed prior to receiving this amendment, you will notify the office where bids are opened, in the specified manner, immediately of its receipt and of any changes in your bid occasioned thereby.

a. Hand-Carried Bids shall be delivered to the U.S. Army Corps of Engineers, Omaha District, Contracting Division (Room 301), 106 South 15th Street, Omaha, Nebraska 68102-1618.

b. Mailed Bids shall be addressed as noted in Item 8 on Page 00010-1 of Standard Form 1442.

3. Bids will be received until 2:00 p.m., local time at place of bid opening, 08 Sep 2004.

Attachments: Specs listed in Part 1.b above

U.S. Army Engineer District, Omaha  
Corps of Engineers  
106 South 15th Street  
Omaha, Nebraska 68102-1618

25 Aug 2004  
MFS/4411

## **BIDDING SCHEDULE**

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
<u><b>BASIC</b></u>					
1.	Entire work, complete, for Dredging as shown on the drawings and in the specifications	880,000	C.Y.	\$_____	\$_____
2.	Entire work, complete, for Quarried Stone as shown on the drawings and in the specifications	5,100	Tons	\$_____	\$_____
3.	Entire work, complete, for salvaged stone removal from dike 637.9-A and placement as shown on the drawings, in the specifications, and as directed by the COR.	1050	CY	\$_____	\$_____
4.	All remaining work not including Option O-1 below	L.S.	Job	-	\$_____
TOTAL AMOUNT BASIC					\$_____

## **OPTION**

### O-1. Goose Lake

Option 1 shall include:

1) Goose Lake Inlet and Outlet Excavation as shown on the drawings and in the specifications	24,000	CY	\$_____	\$_____
2) Entire work, complete, for salvaged stone removal from Goose Lake and placement as shown on the drawings, in the specifications, and as directed by the COR.	3000	CY	\$_____	\$_____

3) All remaining work for  
Goose Lake

L.S.                      Job                      -                      \$ \_\_\_\_\_

TOTAL AMOUNT OPTION-1 \$ \_\_\_\_\_

TOTAL AMOUNT (BASIC + OPTION-1) \$ \_\_\_\_\_

Notes:

1. The quantities for unit priced items are estimated only and the respective unit price will prevail in the event of an overrun or underrun subject to Contract Clauses "Variation in Estimated Quantity."
2. See SECTION 00100, INSTRUCTIONS, CONDITIONS, & NOTICES TO BIDDERS for evaluation of options. The Government reserves the right to exercise the options within 90 days after issuance of Notice to Proceed.
3. Bid prices must be entered for all items of the schedule. Total amount bids submitted without bid prices being entered on individual items will be rejected. Extensions will be subject to verification by the Government. In case of variation between the unit prices and the extensions, the unit prices will be considered the bid. In case of variation between the individual bid item prices and the total amount, the individual bid prices will be considered the bid.
4. A modification to a bid, which provides for a single adjustment to the total amount bid should state the application of the adjustment to each respective unit price and lump sum price affected. If the modification is not so apportioned, the single adjustment will be applied to Basic Item No. 4.
5. The pricing for the base bid shall include all construction and all other project features for dredging and quarried rock placement. The pricing for Option O-1 shall include all work dredging/excavation of Goose Lake. See Note 6 below)
6. See Section 01500 MEASUREMENT AND PAYMENT for additional information.



REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS, OMAHA DISTRICT  
NEBRASKA REGULATORY OFFICE - KEARNEY  
1430 CENTRAL AVENUE SUITE 4  
KEARNEY, NEBRASKA 68847-6856

cmg 6/8/04  
Randy

CENWO-OD-R-NE-kmy (1145b)

MEMORANDUM FOR: CENWO-PM-AE

SUBJECT: NE 01-10017 Plattsmouth Chute Restoration Project Schilling WMA

1. The comment period for the subject public notice expired on June 2, 2004. Copies of all comments received on the project and a copy of the public notice are enclosed for your review.
2. Please provide this office with signed copies of the environmental assessment and FONSI for the subject project. Additionally, if documents containing other pertinent project information exist, please submit them for our records. If the NEPA documents will not be forwarded to the Kearney Regulatory Office within 10 working days, please provide a status response for anticipated completion of the documents. A Statement of Findings is currently being prepared.
3. If you have any questions, please contact me at (308) 234-1403.

Barbara J. Friskopp  
Environmental Resource Specialist



## Nebraska Game and Parks Commission

2200 N. 33rd St. / P.O. Box 30370 / Lincoln, NE 68503-0370

Phone: 402-471-0641 / Fax: 402-471-5528 / [www.outdoornebraska.org](http://www.outdoornebraska.org)

May 26, 2004

Barb Friskopp  
U.S. Army Corps of Engineers  
Nebraska Regulatory Branch  
1430 Central Avenue  
Kearney, NE 68847

**RE: NE01-10017, Plattsmouth Chute Shallow Water Habitat Restoration Project, Cass County, U.S. Army Corps of Engineers, Omaha District; applicant**

Dear Ms. Friskopp:

Nebraska Game and Parks Commission (NGPC) staff members have reviewed the information for the proposal identified above. The project involves constructing a 100-foot wide, 12,211-foot long chute, which exits and reenters the west bank of the Missouri River. The project will include notching channel closure dikes and revetment dikes built as a result of the Missouri River Bank Stabilization and Navigation Project between 1935 and 1982. The site, from river mile 592.5 to 595, is located entirely within the Randall Schilling Wildlife Management Area which is owned and operated by NGPC and is just below the confluence of the Platte River and Missouri River. The purpose of this project is to restore historic habitat features along the Missouri River, specifically shallow, slow moving water that is intended to benefit the pallid sturgeon. Habitat for this species was severely impacted by construction of the Missouri River Bank Stabilization and Navigation Project.

In general, we support the creation of off-channel habitat along the Missouri River, as it is a necessary component of a functioning river. Construction of this chute will improve the diversity of riverine habitat in this reach of the river, and is an important step towards improving Missouri River habitat. We feel that a properly designed chute with appropriate water depths and water velocities will benefit the pallid sturgeon along with other native aquatic species. The chute should provide shallow flowing water, the production of forage fish, and the potential for sandbar creation. Although construction of this chute will provide benefits to the pallid sturgeon, we also emphasize the need for management of river flows to resemble a more natural hydrograph similar to pre-development conditions. We recommend that the wetland impacts be mitigated and that the site be monitored to ensure that it is meeting project objectives.

The pallid sturgeon (*Scaphirhynchus albus*), lake sturgeon (*Acipenser fulvescens*), sturgeon chub (*Moxostoma valenciennesi*), bald eagle (*Haliaeetus leucocephalus*), least tern (*Sterna antillarum athalassos*), piping plover (*Charadrius melodus*) and western prairie fringed orchid (*Platanthera praeclara*) have been observed, collected, or otherwise are likely to be found near the confluence of the Platte River and Missouri River. The pallid sturgeon and least tern are state and federally endangered; the bald eagle, piping plover, and western prairie fringed orchid are state and federally threatened. Two species state-listed but not federally listed, are the state threatened Lake sturgeon and the state endangered sturgeon chub.

**Pallid sturgeon**—pallid sturgeon feed on small fish and invertebrates and can be found in association with riverine sandbars. Often, the fish is found near confluences, islands, and at the downstream margins of sandbars. The mouth of the Platte River is considered critical to the recovery efforts of the pallid sturgeon. Alterations to the natural hydrograph, river channelization, and losses of sediment inputs due to the use of rock riprap for bank stabilization, and flow depletions have caused the decline of this species. Construction of the chute is likely to benefit this species.

*Printed on recycled paper with soy ink.*

**Lake sturgeon**—lake sturgeon are believed to occupy habitats similar to the pallid sturgeon. Lake sturgeon feed on invertebrates and small fish and can be found at the downstream margins of islands and river confluences. Alterations to the natural hydrograph, river channelization, and losses of sediment inputs due to the use of rock riprap for bank stabilization, and flow depletions also have caused the decline of this species. Construction of the chute is likely to benefit this species.

**Sturgeon chub**—sturgeon chub are associated with fast flowing water and a gravel riverbed. The species has been collected in side chutes and backwaters—it is thought that these kinds of areas provide spawning habitat to the fish. Sturgeon chub feed on invertebrates. Similarly, to lake and pallid sturgeons, alterations to the natural hydrograph, depletions, and river channelization have caused the decline of the sturgeon chub. Construction of the chute is likely to benefit this species.

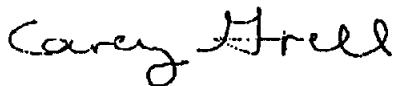
**Interior least tern and Piping plover**—these birds often are found nesting together on riverine sandbars and at sand and gravel mines along the Platte River just above the confluence with the Missouri River. Piping plovers feed on invertebrates found along the water edge while the least tern feeds on small fish, exclusively. Loss of sandbar nesting and foraging habitat due to alterations to the natural hydrograph, channelization, and depletions has caused the decline of both species. Additionally, human disturbances also have impacted both birds. Based on the information provided, these species are not likely to be impacted by project activities.

**Bald eagle**—bald eagles are known to nest along the Missouri River. The bald eagle is also associated with the Missouri River during annual migrations and throughout the winter where and when open water is present. We would ask that a survey be completed with 0.5-mile of the proposed construction site for nests and the presence of adult bald eagles prior to construction activity. If active nests are discovered please notify NGPC. Construction activity can disturb nesting bald eagles and cause abandonment of nesting sites.

**Western Prairie Fringed Orchid**—the western prairie fringed orchid grows on mesic tallgrass prairies. Although the plant can be a colonizer species and grow on disturbed areas, it is found in greatest abundance on high quality prairie. The plant blooms in late June to mid-July. However, we have no documented occurrences of the orchid within the project area, as habitat is not likely to be suitable for the species.

Thank you for the opportunity to review this proposal. If you have any questions, please contact me at (402) 471-5423.

Sincerely,



Carey Groll  
Environmental Analyst  
Realty and Environmental Services Division

cc: Steve Anschutz, USFWS  
Terry Hlickman, NDEQ  
Jennifer Ousley, EPA  
Frank Albrecht, NGPC  
Mark Brohman, NGPC  
Scott Luedtke, NGPC  
Gerald Mestl, NGPC  
Gene Zuerlein, NGPC  
Julie Godbersen, NGPC





## STATE OF IOWA

THOMAS J. VILSACK, GOVERNOR  
SALLY J. PEDERSON, LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES  
JEFFREY R. VONK, DIRECTOR

May 24, 2004

U.S. Army Corps of Engineers  
Mr. John Remus  
106 South 15<sup>th</sup> Street  
Omaha, NE 68102

Dear Mr. Remus:

After reviewing your request for State 401 Water Quality Certification, the Iowa Department of Natural Resources has issued the enclosed Certification. Please read the attached conditions carefully before beginning work on the project.

A copy of this Certification has been forwarded to the office of the Army Corps of Engineers as indicated below. You are advised to contact that office upon receipt of this certification.

If you have any questions or comments about the certification or any conditions contained therein, please contact me at the address shown below or call (515) 281-6615.

Sincerely,

*Christine M. Schwake*

Christine M. Schwake  
Environmental Specialist

cc: ✓ Ms. Barb Friskopp, Kearney Regulatory Office, 1430 Central Avenue, Kearney, NE 68847-6856

Post-It® Fax Note	7671	Date	5/24/04	# of pages	3
To	Barb Friskopp	From	Chris Schwake		
Co./Dept.	Corps	Co.	DNR		
Phone #	308 234 1403	Phone #	515 281 6615		
Fax #	308 234 3342	Fax #	515 281 8895		

WALLACE STATE OFFICE BUILDING / DES MOINES, IOWA 50319  
515-281-5918 TDD 515-242-5967 FAX 515-281-6794 WWW.STATE.IA.US/DNR

## IOWA DEPARTMENT OF NATURAL RESOURCES

## SECTION 401 WATER QUALITY CERTIFICATION

Certification issued to:

Effective: May 24, 2004

U.S. Army Corps of Engineers  
106 South 15<sup>th</sup> Street  
Omaha, NE 68102

Project certified: US Army Corps of Engineers, Joint Public Notice No. NE 01-10017  
State 401 Water Quality Certification, Application Log No.: 04-W-129-05-02-S

Proposal to construct the Plattsmouth Chute Shallow Water Habitat Restoration Project in S5-8, T12N, R14E and S31, T13N, R14E in Cass County, NE (Missouri River Mile 592.5 to 595). The chute will be approximately 12,211' long by 100' wide. The chute will be excavated by mechanical dredge. The dredged material will be discharged into the thalweg. The Corps may open a chute connecting Goose Lake to the river. Approximately 1/2 acre of wetland will be impacted.

## Water quality use designation:

The Missouri River is designated as a Class A1 Primary contact recreational use. These are waters in which recreational or other uses may result in prolonged and direct contact with the water, involving considerable risk of ingesting water in quantities sufficient to pose a health hazard. Such activities would include, but not be limited to, swimming, diving, water skiing, and water contact recreational canoeing. The Missouri River is also designated as a Class B(WW) Significant resource warm water. These are waters in which temperature, flow and other habitat characteristics are suitable for the maintenance of a wide variety of reproducing populations of warm water fish and associated aquatic communities, including sensitive species.

The Iowa Department of Natural Resources (IDNR) has issued this State 401 Water Quality Certification pursuant to Section 401 of the Clean Water Act. The Army Corps of Engineers (Corps) requires state Certification before a Section 404 permit can be issued. Section 401 Certification represents the IDNR's concurrence that the project certified is consistent with the Water Quality Standards of the state of Iowa as set forth in Chapter 61, Iowa Administrative Code.

Subject to the attached conditions, incorporated by reference herein, the IDNR has determined that there is reasonable assurance the proposed activities will be conducted in a manner that will not violate water quality standards of the state of Iowa.

By: Christine M. SchwabeDate Executed: May 24, 2004

### GENERAL CONDITIONS

1. Permittee is responsible for securing and for compliance with such other permits or approvals as may be required by the IDNR, federal, state, or local governmental agencies for the project activities described.
2. Clearing of vegetation, including trees located in or immediately adjacent to waters of the state, shall be limited to that which is absolutely necessary for construction of the project. All vegetative clearing material shall be removed to an upland, non-wetland disposal site.
3. All construction debris shall be disposed of on land in such a manner that it cannot enter a waterway or wetland. Construction equipment, activities, and materials shall be kept out of the water to the maximum extent possible. Equipment for handling and conveying materials during construction shall be operated to prevent dumping or spilling the material into waterbodies, streams or wetlands except as approved herein. Care shall be taken to prevent any petroleum products, chemicals, or other deleterious materials from entering waterbodies, streams or wetlands.
4. All disturbed areas not covered by riprap shall be seeded with native grasses consistent with those included in the NRCS Critical Areas Seeding Mixture, excluding Reed Canarygrass (*Phalaris arundinacea*), during an optimal seeding period. If excavation and construction are completed outside an optimal seeding period, temporary erosion control protection shall be implemented immediately upon completion of excavation and construction and shall be maintained until such time as seeding can be completed during an optimal period. The applicant shall monitor revegetated areas continuously to assure success of revegetation. If rye is initially planted to stabilize the soil then native warm season grasses shall be planted during the following growing season.
5. Riprap shall consist of clean native fieldstone, clean quarry run rock or clean broken concrete. If broken concrete is used all reinforcement material shall be completely removed from it; if removal is not possible, said reinforcement material shall be cut flush with the flat surface of the concrete. It shall be the applicant's responsibility to maintain the riprap such that any reinforcement material that becomes exposed in the future is removed. The concrete pieces shall be appropriately graded and no piece shall be larger than 3 feet across the longest flat surface. No asphalt or petroleum based material shall be used as or included in riprap material.
6. Discharge of dredged material will only occur when the Missouri River discharges are greater than 25,000 cubic feet per second. The material shall be placed in the thalweg.



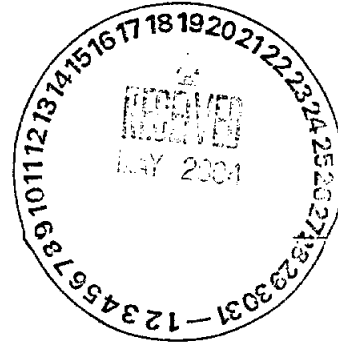
NEBRASKA STATE HISTORICAL SOCIETY

1500 R STREET, P.O. BOX 82554, LINCOLN, NE 68501-2554  
(402) 471-3270 Fax: (402) 471-3100 1-800-833-6747 www.nebraskahistory.org

12 May 2004

Kearney Regulatory Office  
Corps of Engineers  
1430 Central Avenue  
Kearney, NE 68847-6856

Re: NE 01-10017  
Plattsmouth Chute  
Cass Co.  
H.P. #0405-007-01



Dear Sir or Madam:

A review of our files indicates that the referenced project does not contain recorded historic resources. It is our opinion that no survey for unrecorded cultural resources will be required. Your undertaking, in our opinion, will have no effect for archaeological, architectural, or historic properties.

There is, however, always the possibility that previously unsuspected archaeological remains may be uncovered during the process of project construction. We therefore request that this office be notified immediately under such circumstances so that an evaluation of the remains may be made, along with recommendations for future action.

Sincerely,

Terry Steinacher  
H.P. Archaeologist

Concurrence:

L. Robert Puschendorf  
Deputy NeSHPO



**US Army Corps  
Of Engineers**  
Omaha District

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## **PUBLIC NOTICE**

**Application Number:** NE 01-10017  
**Applicant:** US Army Corps of Engineers  
**Waterway:** Missouri River RM 592.5 to 595  
**Issue Date:** May 3, 2004  
**Expiration Date:** May 24, 2004

**21-DAY NOTICE**

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**Reply To:**  
**Kearney Regulatory Office**  
**1430 Central Avenue Kearney, NE 68847**  
**(308) 234-1403**

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**JOINT PUBLIC NOTICE:** This public notice is issued jointly by the US Army Corps of Engineers, Omaha District, and the Nebraska Department of Environmental Quality (NDEQ). The NDEQ, PO Box 98922, Lincoln, Nebraska 68509-8922, will review the proposed project for state certification in accordance with the provisions of Section 401 of the Clean Water Act. NDEQ hereby incorporates this public notice as its own public notice and procedures by reference thereto. For the purposes of NDEQ, this public notice will expire 30 days from the above issue date.

**AUTHORITY:** Section 404 of the Clean Water Act (33 USC 1344).

**APPLICANT:** US Army Corps of Engineers 106 South 15<sup>th</sup> Street Omaha, NE 68102

**PROJECT LOCATION:** Parts of Sections 5+6+7+8, Township 12 North, Range 14 East and Section 31, Township 13 North, Range 14 East, Cass County, Nebraska

**PROJECT DESCRIPTION:** The Plattsmouth Chute Shallow Water Habitat Restoration Project consists primarily of constructing an approximately 100-foot wide, 12,211-foot long chute, which exits and re-enters the west bank of the Missouri River. The project would modify the Missouri River Bank Stabilization and Navigation Project (MRBSN), constructed from 1935 to 1982, by notching channel closure dikes and revetment dikes downstream of the confluence of the Missouri and Platte Rivers, from approximate Missouri River mile 592.5 to 595 in Cass County, Nebraska, about ½-mile north and east of Plattsmouth, NE. The site is located entirely within the Randall Schilling Wildlife Management Area, which is owned and managed by the Nebraska Game and Park's Commission.

The proposed project would divert a portion of the Missouri River's flow from just downstream of the confluence with the Platte River, flowing through an area of historic side channels, chutes and backwaters, to a new outlet located near Missouri River mile 592.5. This would restore a portion of the shallow water habitat that is evident from surveys of the area in the 1890's to 1940's timeframe. Implementation of the MRBSN following that time frame resulted in the loss of chute, side channel and backwater habitat in this area by locking the channel in place and eliminating the ability of the river to perform cut-and-fill alluviation. The chute's flows would fluctuate with the Missouri River flow.

The entire 12,211-foot long channel would be excavated in a pilot channel cross section which would allow future self-scouring during high flow events. The approximate quantity of excavation required for this pilot channel and related features would be 1 to 1¼ million cubic yards. The anticipated method of excavation would be by dredging with disposal of excavated material into the Missouri River. Existing Corps stone fill dikes and pile dikes would be lowered to create the inlet, channel and outlet. The chute inlet and outlet would consist of designed riprap structures to provide fixed entrance and exit locations.

Discharges of fill material into the Missouri River resulting from chute construction will consist of floodplain sands, silts, and clays. Elutriate sampling results and soil sample results from along the length of the chute are available upon request.

**Chute.** The entire length of the chute will be excavated via mechanical dredge. The existing conditions of the proposed chute are upland, primarily agricultural. The existing conditions at the dredge disposal location are the Missouri river thalweg. Approximately 1¼ million cubic yards of material will be discharged to the Missouri River via pipe. Dredge disposal location will be discretionary; however, disposal will be limited to the thalweg (main channel, typically the portion that is the deepest and exerts the highest velocities). Disposal shall be limited to the section of river beginning at river mile (RM) 594.48 and extending to RM 591.43 (that is, ½ mile downstream of the outlet). Discharge will be further limited in order to avoid any habitat features such as exposed or submerged bars or islands, existing water supply inlets or outlets, or other features such as boat ramps or marinas. Otherwise, the contractor will be allowed some flexibility in order to accommodate practicable discharge locations along the length of the chute.

**Inlet.** An inlet will be constructed on the right bank of the Missouri river at approximately river mile 594.48. This inlet will involve placement of fill material along approximately 250 feet of the existing Missouri River bank. The existing river bank at this location consists of a varying, but nearly always steep slope, ranging in slope from a near vertical cutbank to an approximate slope of 2V:1H. The entire bank at this location is revetted with boulders of an approximate size range of 1' diameter to 3' diameter. No concrete rubble or other non-traditional materials, such as car bodies, exist at this site. Existing material will be excavated and stockpiled for possible later use at the inlet. The ordinary high water mark at this location is at approximate elevation 949.5 ft (CRP + 2'). Approximately 600 cubic yards of the existing revetment will be removed via excavator or other appropriate mechanical means, along approximately 240 feet of existing bank. This will be replaced with approximately 400 cubic yards of stockpiled and/or purchased quarry rock of the same type and size. Construction methods will be via mechanical equipment such as backhoe, excavator, dump truck and/or bucket, whichever equipment is most appropriate. This rip rap will be underlain by approximately 100 cubic yards of spall material. Spalls will consist of 3-5 inch diameter rock bedding material, shipped in from a quarry. The approximate elevation of the inlet sill will be 942.5 feet. The top of bank elevation at the inlet will match existing elevations.

**Outlet.** An outlet will be constructed on the right bank of the Missouri river at approximately river mile 591.93. This outlet will involve placement of fill material along approximately 300 feet of the existing Missouri River bank. The existing riverbank at this location consists of a varying, but nearly always steep slope, ranging in slope from a near vertical cutbank to an approximate slope of 2V:1H. The bank at this location is currently not revetted. The ordinary high water mark at this location is at approximate elevation 947.1 ft. Approximately 200 to 225 feet of the existing riverbank will be excavated via dredge in order to accommodate the chute outlet. With a height of 15 feet, a depth of 3 feet and a length of 225 feet, removal along this bank will equal approximately 400 cubic yards of existing bank material. Approximately 2,500 cubic yards of stockpiled and/or purchased quarry rock with diameters in the range of 1-3 feet will be placed along the bank at the outlet. This riprap will be underlain by approximately 700 cubic yards of spall material. Spalls will consist of 3-5 inch diameter rock bedding material, shipped in from a quarry. The approximate elevation of the outlet sill will be 940.1 feet. The top of bank elevation at the outlet will match existing elevations.

**Goose Lake Improvements.** The entire Goose Lake is surrounded by an existing berm that ranges in height from 15-20 feet. Slope of the berm ranges from 2V:1H to approximately 4V:1H. An option to the chute-only project is to connect the existing 25-acre manmade Goose Lake to the channel with up-gradient and down-gradient channels. The connecting channels would be excavated through an existing berm. The lake bottom would also be graded to provide a low velocity meandering channel along with flat, shallow water areas and deeper over-wintering areas. It is anticipated that the quiet waters of the lake area would provide spawning, feeding and refuge habitat for several species of river fish, while retaining habitat value for waterfowl, furbearers, wading birds and other wildlife. A side channel would be excavated from the main chute to Goose Lake, then excavated through the berm on both the upper and lower ends of the lake in order to gain an inlet and an outlet for flowing water. The bottom width of each connection will range from 10-15 feet. No fill material will be placed in Goose Lake; only excavation will occur at this location. The inlet and outlet channels may require periodic sediment removal to keep this feature operational.

**PROJECT PURPOSE:** The purpose of the project is to restore historic habitat features along the Missouri River, specifically shallow, slow moving waters that are intended to benefit the pallid sturgeon.

**SPECIAL AQUATIC SITES:** Approximately ½-acre of wetland will be impacted.

**CULTURAL RESOURCES:** No activity which may affect historic properties listed, or eligible for listing, in the National Register of Historic Places is authorized, until the District Engineer has complied with the provisions of 33 CFR Part 325, Appendix C.

**ENDANGERED SPECIES:** In compliance with the Endangered Species Act, a preliminary determination has been made that the described work will not affect species designated as threatened or endangered or adversely affect critical habitat. In order to complete our evaluation of this activity, comments are solicited from the US Fish and Wildlife Service and other interested agencies and individuals.

Certain species of fish in the river are in population jeopardy. The pallid sturgeon was listed as an endangered species under the Endangered Species Act in 1990. This species is occasionally found in the surrounding reaches, and the area is considered a priority recovery area for this endangered species. Pallid sturgeon could benefit from the increased shallow flowing water in the proposed chute and sandbar habitat and from increased production of other aquatic organisms.

**FLOODPLAIN:** This activity is being reviewed in accordance with Executive Order 11988, Floodplain Management, which discourages direct or indirect support of floodplain development whenever there is a practicable alternative. By this notice, comments are requested from individuals and agencies that believe the described work will adversely impact the floodplain.

**WATER QUALITY CERTIFICATION:** Section 401 of the Clean Water Act (33 USC 1341) requires that all discharges of fill material must be certified by the appropriate state agency as complying with applicable effluent limitations and water quality standards. This public notice serves as an application to the state in which the discharge site is located for certification of the discharge. The discharge must be certified before a Department of the Army permit can be issued. Certification, if issued, expresses the state's opinion that the discharge will not violate applicable water quality standards.

**PUBLIC INTEREST REVIEW:** The decision whether to issue the Corps' permit will be based on an evaluation of the probable impacts including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against their reasonably foreseeable detriments. All factors which

may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people. In addition, the evaluation of the impact of the work on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act (40 CFR Part 230).

**COMMENTS:** The Corps of Engineers is soliciting comments from the public, Federal, State, and Local agencies and officials, Indian Tribes and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

Anyone whose interests may be affected by the proposed/completed work is invited to submit favorable or unfavorable written comments to the **Kearney Regulatory Office 1430 Central Avenue Kearney, NE 68847-6856** or send an e-mail to **barbara.j.friskopp@usace.army.mil**. The District Engineer is particularly interested in receiving comments related to the proposal's probable impacts on the affected aquatic system's functional values, cumulative and secondary effects and endangered species. All comments received will be considered public information; copies of all comments, including names and addresses of commentors, may be provided to the applicant unless confidentiality is requested. Comments must be submitted on or before the expiration date (located at the top of the first page) of this notice to be considered in the subsequent actions on this application.

**PUBLIC HEARING:** Before the expiration date of this notice, anyone may request, in writing, that a public hearing be held to consider this application. Requests shall specifically state the reason(s) for holding a public hearing. If the District Engineer determines that the information received in response to this notice is inadequate for thorough evaluation, a public hearing may be warranted. If a public hearing is warranted, interested parties will be notified of the time, date, and location.

**ADDITIONAL INFORMATION:** For additional information, please call Mrs. Barb Friskopp at (308) 234-1403.

**REQUEST TO POSTMASTERS:** Please post this notice conspicuously and continuously until the expiration date specified at the top of page one.

**NOTICE TO EDITORS:** This notice is provided as background information for your use in formatting news stories. This notice is not a contract for classified display or advertising.



Administrative Extension  
NPDES General Permit  
for Storm Water Discharges  
from Construction Sites  
NER100000

Pursuant to Chapter 59 of Nebraska Department of Environmental Quality Title 119 - *Rules and Regulations Pertaining to the Issuance of Permits Under the National Pollutant Discharge Elimination System*, the terms and conditions of the NPDES General Permit for Storm Water Discharges from Construction Sites (NER100000) is extended pending further review prior to re-issuance.

Pursuant to the Delegation Memorandum dated July 26, 1999 and signed by the Director, the undersigned hereby executes this document on the behalf of the Director.

Signed this 1st day of August, 2002

**COPY - Original Signed August 1, 2002**

---

Jay Ringenberg  
Deputy Director

# **Nebraska Department of Environmental Quality**

## **NPDES Municipal and Industrial Section Water Quality Division**

1200 'N' Street, Suite 400, The Atrium  
PO Box 98922

Lincoln, NE 68509-8922

Tel. 402/471-4220

Fax 402/471-2909

### **AUTHORIZATION TO DISCHARGE UNDER THE STATE OF NEBRASKA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)**

NPDES Permit Number NER100000

A general NPDES permit for  
storm water discharges from construction sites  
to waters of the State of Nebraska

In compliance with the provisions of the Federal Water Pollution Control Act (33 U.S.C. Secs. 1251 et. seq. as amended to date), the Nebraska Environmental Protection Act (Neb. Rev. Stat. Secs. 81-1501 et. seq. as amended to date), and the Rules and Regulations promulgated pursuant to these Acts, the Nebraska Department of Environmental Quality is hereby issuing this general permit authorizing the discharge of pollutants to waters of the State. This general permit establishes prohibitions, limitations and other conditions pertaining to these discharges. This general permit does not relieve permittees of other duties and responsibilities under the Nebraska Environmental Protection Act, as amended, or established by regulations promulgated pursuant thereto.

This permit shall become effective on August 1, 1997.

This permit and the authorization to discharge shall expire at midnight, July 31, 2002.

Pursuant to the Delegation Memorandum dated January 30, 1995 and signed by the Director, the undersigned hereby executes this document on behalf of the Director.

Signed this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_

**COPY - Original Signed July 9, 1997**

\_\_\_\_\_  
Patrick W. Rice, Assistant Director

**A two page "Summary Guidance" sheet explaining the permit can be found at the end of this packet.**

3/16/00

**A. SUMMARY OF PERMIT CONTENTS**

**Page**

Authorization Page .....	1
Section A. Summary of Permit Contents .....	2
Section B. Applicability .....	3
1. Discharges Authorized by this Permit .....	3
2. Area of Application .....	3
3. Limitations on Coverage .....	3
4. Period of Coverage .....	4
5. Sites Authorized Under the Previous General Permit .....	4
Section C. Notification and Discharge Authorization Procedures .....	5
1. Submission of Initial Notification .....	5
2. Contents of the Notice of Intent .....	5
3. Additional Notification Requirements that Apply to Some Sites .....	5
4. Authorization to Discharge .....	6
5. Revocation of Discharge Authorization .....	6
6. Requiring an Alternative Permit and Application .....	7
7. Notification of Project Start-up and Completion .....	8
Section D. Storm Water Pollution Prevention Plan (SWPPP) .....	8
1. General .....	8
2. Content of the Storm Water Pollution Prevention Plan .....	9
3. Erosion Control Requirements .....	10
4. Erosion and Sediment Control Design Specifications .....	12
5. Site Inspection and SWPPP Maintenance Activities .....	12
6. Reporting and Record Keeping Requirements .....	12
Section E. Monitoring Requirements and Procedures .....	13
1. Effluent Monitoring Requirements .....	13
2. Sampling and Analytical Protocols .....	13
3. Storm Event Monitoring .....	14
4. Reporting Requirements .....	14
Section F. Other Conditions and Requirements .....	14
Section G. Periodic Reporting and Record Keeping Requirements .....	15

**APPENDIXES**

Appendix A - Standard Conditions for NPDES and NPP Permits .....	16
Appendix B - Water Bodies where Written Discharge Authorization is Required ...	28
Appendix C - Information and Signatures Required in NOIs .....	31

**ATTACHMENTS**

Notification of Intent (NPDES Form CSW-NOI)  
Storm Event Monitoring Report Form (NPDES Form SW-SEMR)  
Project Start-up Notification Form (NPDES Form CSW-START)  
Project Completion Notification Form (NPDES Form CSW-END)

## **B. APPLICABILITY**

### **1. Discharges Authorized by this Permit**

- a. Contingent upon the "Notification and Discharge Authorization Procedures" set forth in Section C, this permit authorizes the discharge of storm water from construction or development sites where clearing, grading or excavation is conducted on an area of 5 acres or more as part of a common plan of development or sale (i.e., industrial facilities identified in subparagraph "x" of the definition of "storm water discharges associated with industrial activity" as defined in NDEQ Title 119 - Rules and Regulations Pertaining to the Issuance of Permits Under the National Pollutant Discharge Elimination System).
- b. This permit may also be used to authorize the discharge of storm water from other construction or development sites subject to clearing, grading or excavation that the Director feels require a permit pursuant to Chapter 2 001.06D of NDEQ Title 119. In these instances, written discharge authorization is required (See Sections C.4.a and C.4.h).

### **2. Area of Application**

This permit has application throughout the State of Nebraska.

Special authorization procedures apply to sites where discharges to certain State Resource Waters and public drinking water supplies are proposed. These waters are identified in Appendix B and the discharge authorization procedures are described in Section C.4.e.

### **3. Limitations on Coverage**

This permit does not authorize the following types of storm water discharges:

- a. those regulated by an existing NPDES permit,
- b. those for which storm water effluent guideline limitations apply,
- c. those the Director has determined to have reasonable potential to violate a surface or ground water quality standard,
- d. those adversely affecting a listed endangered or threatened species or its critical habitat,
- e. those from an operating landfill, or
- f. those which the Director determines would be more effectively regulated with a site specific, area specific or a basin specific permit.

4. Period of Coverage

- a. Coverage shall commence at the time discharge authorization is granted (See Section C.4) and shall continue for a period lasting at least 180 days after the site has been stabilized with perennial seeding, paving, rock or other permanent protective cover on 95% or more of the site.
- b. The Department can extend coverage under the permit beyond the time period specified in Section B.4.a above if excessive erosion problems remain at the site.

5. Sites Authorized Under the Previous General Permit

Sites authorized to discharge under the previously issued NPDES General Permit (i.e., NPDES Permit Number NER100000; Effective Date July 1, 1994; Expiration Date May 26, 1997) shall have authorization to discharge under this permit subject to the terms and conditions set forth below (i.e., Sections B.5.a through B.5.c).

- a. Sites authorized to discharge under the previous permit shall be considered in compliance with this permit for a period of up to 180 days after the effective date of this permit, provided the permittee complies with all of the terms and conditions of the previous general permit. If a project site can not be completed and stabilized within this 180 day time period, the permittee shall file a Notice of intent as required in Sections C.1 and C.2 of this permit, and ensure their Storm Water Pollution Prevention Plan is in compliance with Section D of this permit.
- b. The provisions of Section B.5.a are site specific and do not necessarily extend to permittees that may have been authorized to discharge from more than one site under the previous permit (i.e., the permittee must obtain site specific written approval for coverage of a site under the previously issued permit for Section B.5.a.).
- c. Section B.4.b applies to sites previously authorized to discharge under the previous permit (i.e., the Department can extend coverage under this permit if excessive erosion problems remain at the site). If the period of coverage is extended, the permittee may be required to submit a Notice of Intent as set forth in Section B.5.a.

## **C. NOTIFICATION AND DISCHARGE AUTHORIZATION PROCEDURES**

### **1. Submission of Initial Notification.**

Authorization to discharge under this general may be applied for by submitting a Notice of Intent (NOI) using NPDES form CSW-NOI, or an equivalent format approved by the Department. NPDES form CSW-NOI can be obtained by contacting the Nebraska Department of Environmental Quality. The address and telephone number current at the time of permit issuance are provided below.

Updated March 16, 2000

NPDES Municipal and Industrial Section  
Nebraska Department of Environmental Quality  
P.O. Box 98922  
1200 N Street, The Atrium, Suite 400  
Lincoln, Nebraska 68509-8922  
Telephone (402) 471-4220

### **2. Contents of the Notice of Intent.**

Appendix C contains the description of the information required to be submitted in the NOI.

### **3. Additional Notification Requirements that Apply to Some Sites**

- a. The Department may request additional information from the source:
  - i. to facilitate the review of the NOI;
  - ii. to finalize a determination related to the granting of a discharge authorization; or
  - iii. to determine whether a site specific, area specific or a basin specific permit application may be required.
- b. When storm water is discharged through a large or medium municipal separate storm sewer system, applicants shall concurrently submit a copy of NPDES form CSW-NOI (or other appropriate notification form) to the operator of the municipal separate storm sewer system through which they discharge. (A large or medium municipal separate storm sewer system is defined as a system located in an incorporated city with a population of 100,000 or more. This includes the cities of Lincoln and Omaha.)
- c. Other government agencies (e.g., the US Army Corps of Engineers, Local City/County Government, or the local Natural Resource District) may have additional notification requirements. Submittal of the NPDES form CSW-NOI does not relieve the applicant of responsibility to comply with the requirements of other government agencies.

4. Authorization to Discharge

- a. Except as provided in Sections C.4.b through C.4.i, C.5 or C.6, discharge authorization is granted 7 days after the Department receives the complete NOI. Discharge authorizations are limited to the location(s) identified in the NOI.
- b. The Department may act to grant an applicant authorization to discharge at any time following the receipt of a completed NOI by providing a written notification to the permittee (e.g., prior to end of the 7 day review period specified in Section C.4.a).
- c. If the Department requires additional information to be submitted as part of the NOI process, authorization to discharge can not be granted until after the additional information is received, or until the issue prompting the request is resolved. The 7 day period specified in Section C.4.a, restarts each time additional information is received by the Department.
- d. The Department may extend the 7 day authorization period set forth in Section C.4.a and C.4.c. The applicant shall be notified of the extension within 7 days after the application is received by the Department. The initial notification may be made verbally.
- e. Written discharge authorization from the Department is required for discharges to the State Resource Waters and Public Drinking Water Supplies identified in Appendix B.
- f. The Department may deny authorization to discharge under the terms and conditions of this permit by providing the applicant with a written notice of the denial and an explanation of the basis for the determination.
- g. The Department may require the submittal of an application for a site specific or an NOI for an alternative general permit. The Department shall provide an explanation of the basis for any such request.
- h. If authorization to discharge under the conditions of this permit is sought pursuant to the Director's decision to require NPDES discharge authorization pursuant to Chapter 2 001.06D of NDEQ Title 119, written discharge authorization is required (See Applicability, Section B.1.b).
- i. All permittees must meet the requirements set forth in Section B of this permit. Failure to do so shall negate any authorization to discharge granted pursuant to this subsection (i.e., Section C.4).

5. Revocation of Discharge Authorization

The Director may revoke a permittee's authorization to discharge under the terms and conditions of this permit for any of the following:

- a. the discharge has a reasonable potential to violate a surface or ground water quality standard;
- b. the discharge is adversely affecting a listed endangered or threatened species or its critical habitat; and

- c. a permittee fails to submit an alternative permit application requested pursuant to Section C.6.

**6. Requiring an Alternative Permit and Application**

- a. The Director may require any person authorized to discharge under the terms and conditions of this permit to apply for and obtain either a site specific NPDES permit or an alternative NPDES general permit. A written notice that an alternative permit application is required shall be provided by the Department. This notice shall include:
  - i. a brief explanation of the basis for the determination;
  - ii. an application or NOI form for the alternative permit; and
  - iii. a deadline for submitting the application for the alternative permit.

The Director may grant additional time for the submittal of the alternative application following the initial notice described above.

- b. Conditions that may constitute a basis for requesting an alternative application include, but are not limited to:
  - i. the discharge is a significant contributor of pollution;
  - ii. the discharger is not in compliance with the terms and conditions of the permit;
  - iii. additional pollution control or prevention technology have become available;
  - iv. the promulgation of new effluent limitations that apply to the source;
  - v. the approval of a water quality management plan containing requirements applicable to the source;
  - vi. the identification of conditions or pollutant sources not previously recognized; and
  - vii. the issuance of an alternative general permit that applies to the discharge.
- c. Authorization to discharge under the terms and conditions of this permit shall be terminated upon the issuance of the alternative permit or the granting of discharge authorization under another alternative general permit.



**7. Notification of Project Start-up and Completion**

The permittee shall notify the Department in writing of project start-up and completion as set forth below. Notification forms are included as an attachment to this permit.

- a. The permittee shall provide the Department with written notification of the start of construction activities not later than 7 days after construction begins. If activities commence within 30 days of the date submitted on or with the NOI, further start-up notification is not required.
- b. The permittee shall notify the Department in writing within 30 days after the site is 95% stabilized, and provide a proposed date for termination of coverage under the permit (See Section B.4: coverage under the permit continues at least 6 months after the site has been stabilized.).
- c. Public road maintenance and construction activities are exempt from these start-up and completion reporting requirements provided a planned schedule of activities is submitted at least annually as an attachment to the CSW-NOI form. Other permittees that carrying out routine maintenance and construction activities on utility and transportation right-of-ways may be granted a similar exemption on a case-by-case basis.

**D. STORM WATER POLLUTION PREVENTION PLAN (SWPPP)**

**1. General**

- a. The permittee shall develop and implement a SWPPP to:
  - i. minimize erosion on disturbed areas;
  - ii. minimize the discharge of sediment and other pollutants in storm water runoff; and
  - iii. maintain compliance with the requirements of this permit.
- b. The SWPPP shall be implemented either prior to or concurrent with the initiation of construction activity. SWPPP activities shall be maintained throughout the period of coverage under this permit as set forth in Section B.4.
- c. An updated copy of the SWPPP shall be available on-site at all times that work is being performed. The persons and/or subcontractors responsible for carrying out duties pursuant to the SWPPP shall be properly trained and kept informed of their responsibilities.
- d. The permittee shall make the SWPPP available for review by the Director or an authorized representative during any on-site inspection. The permittee shall provide copies of the SWPPP document to the Department within seven days after receiving a written request.

- e. The SWPPP shall be dynamic. If deficiencies arise during the course of the project, the permittee shall implement effective corrective actions that may require modification of the SWPPP. This requirement does not circumvent the permittee's responsibility to obtain approval for modifications that may concurrently fall under the jurisdiction of other governmental authorities (e.g., local construction or grading requirements). This requirement is also not an affirmative defense for implementing ineffective or less effective control measures.
- f. The Department may require revisions to be made to the SWPPP :
  - i. if it is not effective in minimizing erosion or the release storm water pollutants from the site;
  - ii. if more effective procedures are available and practical;
  - iii. if previous experience has shown the control methods specified have proven to be inadequate in similar circumstances; or
  - iv. to meet basin specific water quality goals.

2. Content of the Storm Water Pollution Prevention Plan

The following items shall be incorporated into the SWPPP.

- a. One or more site maps of the construction site showing the location of disturbed areas, existing and post-construction contours, storm water outfalls and pollution control structures. The map or maps submitted with the NOI may be used for this purpose provided copies are available at the construction site.
- b. A proposed schedule for the construction project identifying the construction phases and the implementation of pollution prevention activities (e.g., installation of erosion control structures and sedimentation basins, initial grading, temporary seeding, utility installation, final grading, paving, and permanent seeding).
- c. An Erosion and Sediment Control Plan that provides sufficient detail so that the implementing personnel will be able to properly implement the pollution control and prevention practices to be used at the site. See Section D.3 for detailed requirements for an Erosion and Sediment Control Plan.
- d. A Spill Prevention and Response Plan that addresses fueling, maintenance or storage areas on-site. The plan shall comply with the requirements of Chapter 18 of NDEQ Title 126 - Rules and Regulations Pertaining to the Management of Wastes (Contact the Department at the address or telephone number in Section C.1 for a current copy of this regulation.).

- e. Any wastes present or generated at the site shall be disposed of in compliance with Department regulations. Regulations that may have application in this respect include, but are not necessarily limited to:

NDEQ Title 119 - Rules and Regulations Pertaining to the Issuance of Permits under the National Pollutant Discharge Elimination System (Disposal of sewage sludge);  
NDEQ Title 128 - Rules and Regulations Governing Hazardous Waste Management in Nebraska;  
NDEQ Title 129 - Nebraska Air Quality Regulations (Prohibits open burning in most instances);  
NDEQ Title 130 - Rules and Regulations Pertaining to Livestock Waste Control; and  
NDEQ Title 132 - Integrated Solid Waste Management Regulations.

- f. Entrances and exits shall be adequately stabilized so as to prevent excessive tracking of sediment onto paved or public roadways. This shall include, where necessary, graveling access entryways, exits, and unpaved roads on the site.

### 3. Erosion and Sediment Control Plan Requirements

The permittee shall incorporate erosion control and sediment retention practices into the SWPPP and implement said practices at sites authorized to discharge storm water under the provisions of this permit. The erosion control practices utilized shall consider site specific variables including slope, soil types, the size of the project, the duration of construction activities, the proximity of perennial and seasonal streams, and the existence of impounded waters downstream of the project. The controls utilized may vary from site-to-site, but the controls used shall be effective in minimizing erosion and sediment release from the site, and in protecting the water quality in the receiving stream or water body.

The existence of downstream lakes or other impounded waters increase water quality concerns relative to sediment release. In these instances, more stringent erosion and sediment controls may need to be implemented.

The permittee shall upgrade the Erosion and Sediment Control Plan and implement additional controls, if existing controls prove inadequate in minimizing erosion and sediment releases, or in protecting the water quality of the receiving stream or water body. The permittee shall comply with Department requests to implement additional controls to minimize erosion and sediment releases, and to protect receiving water bodies.

All of the following practices shall be considered for inclusion in Erosion and Sediment Control Plans and for implementation at construction sites covered under this permit. Note: the Department may require modification of the SWPPP pursuant to Section D.1.f of this permit.

- a. Construction practices and structural controls to slow storm water run off and minimize erosion from the site.

Practices and controls that should be considered for implementation include, but are not limited to, the following:

- i. horizontal slope grading;

- ii. temporary or permanent terraces, berms, cuts or other physical structures placed horizontal to sloped surfaces;
  - iii. silt fence, bale barriers, check dams or other physical barriers placed at intervals in drainage ways, on sloped surfaces and at property boundaries;
  - iv. geotextile mats, rip rock or other methods to prevent erosion in drainage ways and below conduit outlets; and
  - v. storm drain inlet protection (i.e., gravel filter or silt fence).
- b. The scheduling of construction activities so as to minimize the extent and time that soils are left unstabilized.

This shall include, when possible, phased construction planning so as to minimize the area of the site that is not stabilized by vegetative cover, or other temporary or permanent soil covers (e.g., pavement, mulch, or geotextile mats).

The construction schedule shall take into account areas within the construction site that may be available for reseeded prior to the completion of the overall project (See Section D.3.c.).

Construction activity scheduling shall specify an appropriate time table for initiating sediment retention and erosion controls. When possible, sediment retention controls shall be installed prior to the initiation of clearing and grading activities, and erosion controls shall be implemented concurrent with the initiation of construction activity.

- c. The use of existing vegetation and revegetation.

When possible, existing vegetative covers should be left undisturbed. When possible, vegetative strips shall be maintained on the down gradient perimeter of sites, and adjacent to waterways and drainage ways that are within the site.

Temporary or permanent seeding shall be established as soon as possible after grading and clearing activities are completed, and during interim periods on areas that are not being actively worked. Whenever exposed soils are not to be graded for 30 days or more, temporary or permanent seeding needs to be initiated, unless other stabilization methods are used or such need can be justified as unnecessary due to mitigating conditions present at the site. In this latter regard, the need for such temporary seeding may be contingent on such factors as the slope of exposed and adjacent areas, the size of the exposed area, the existence of vegetative buffer zones, the potential to impact streams or impounded waters, seasonal considerations, and/or the use of alternative erosion or sediment control methods. If temporary seeding is not used to stabilize exposed soils that are not to be graded for 30 days or more, the Erosion and Sediment Control Plan shall specify the alternative methods used to control erosion and sediment release, or contain an explanation of why such controls are not necessary.

- d. Contingencies for planned and unplanned work stoppages.

The Erosion and Sediment Control Plan needs to address requirements for stabilizing exposed slopes and stock piles (e.g., the installation of terraces or berms, temporary seeding, etc.) if work on the site is stopped. In instances, where the original project schedule is disrupted, the Erosion and Sediment Control Plan may need to be modified to prevent erosion on exposed soils where grading has been temporarily or permanently discontinued. See Section D.3.c above concerning the use of temporary seeding when exposed soils are not to be graded for 30 days or more.

- e. Storm detention basins.

The need for storm water detention basins is contingent upon the area disturbed and the slope of the site. In general, storm water detention basins need to be used in disturbed drainage areas of 5 acres or more in size. Where slopes are equal to or steeper than 3:1, storm basins may be required for smaller drainage areas. The use of storm water detention basins does not circumvent the need to implement the erosion and sediment control practices previously cited. Many areas of Nebraska have clay soils and when erosion occurs suspended clay particles are not efficiently captured in storm water detention basins.

#### 4. Erosion and Sediment Control Design Specifications

Physical erosion and sediment control structures used at construction sites covered under this permit shall comply with the design standards specified in one of the manuals listed below, unless alternative designs are approved or required by the Department.

- a. City of Omaha Soil Erosion and Sediment Control
- b. The Lower Platte South Natural Resource District; A Manual of: Erosion and Sediment Control and Stormwater Management Standards

The City of Omaha manual can be obtained from the Omaha Public Works Department. The Lower Platte South NRD manual is available from the NRD office for projects within their district. Others interested in the manual should contact the Department (See Section C.1).

#### 5. Site Inspection and SWPPP Maintenance Activities

Sites shall be inspected to identify maintenance needs and/or SWPPP deficiencies at least once each month and within 24 hours after each precipitation event of 0.5 inch or more, except when winter freeze-up conditions preclude run-off. This minimum inspection frequency does not relieve the permittee of the maintenance responsibilities during interim periods.

The permittee shall initiate and complete corrective actions to address any maintenance needs or deficiencies as soon as possible. Maintenance and repair of silt fences and bale barriers shall be completed within 24 hours after any deficiencies are discovered.

**6. Reporting and Record Keeping Requirements**

The permittee shall maintain records of site inspection and maintenance activity until coverage under the permit has been terminated (See Section B.4). The permittee shall provide the Department with access and copies of these records upon request. At a minimum, the following information shall be included in these records:

- a. who conducted the inspections,
- b. when inspections are conducted,
- c. the findings of the inspections,
- d. any corrective actions taken, and
- e. when the corrective actions were implemented.

**E. MONITORING REQUIREMENTS AND PROCEDURES**

**1. Effluent Monitoring Requirements**

Routine periodic monitoring of storm water discharges is not required unless requested by the Department. Monitoring may be required by the Department for any of the following reasons:

- a. the identification of potential ground and surface water quality impacts to which the permittee may be contributing,
- b. the failure by the permittee to implement pollution prevention or pollution control procedures set forth in the Storm Water Pollution Prevention Plan,
- c. the recognition of potential pollutant sources during site inspections or investigations, and/or
- d. to obtain information for watershed basin or industry group studies.

**2. Sampling and Analytical Protocols**

The sampling procedures set forth below shall be used for any storm water monitoring required pursuant to Section E.1, unless the Department specifies or approves alternative procedures.

- a. Samples shall be collected from discharges resulting from a rainfall event that is greater than 0.1 inch in magnitude and occurs at least 72 hours after any previous storm events of 0.1 inch or greater.
- b. Grab samples shall be used for monitoring: pH, temperature, cyanide, total phenols, residual chlorine, petroleum oil, oil and grease, bacterial counts, xylene and compounds in the volatile fraction of the total toxic organic parameter. Grab samples shall be collected in the first 30 minutes of a storm event discharge.

- c. For discharges from holding ponds or other impoundments with a retention period greater than 24 hours (estimated by dividing the volume of the detention pond by the estimated volume of water discharged during the 24 hours previous to the time the sample is collected), a minimum of one grab sample may be taken.
- d. Flow proportional composite samples shall be used to monitor discharges in all other circumstances (i.e., except as specified in Sections E.2.b and E.2.c). Either continuous or discrete composite sampling may be utilized. If discrete composite sampling is used, at least 3 aliquots shall be obtained and the maximum interval between sampling events shall not exceed 15 minutes. Sampling shall begin within the first 15 minutes of discharge and shall not extend beyond 1 hour, unless there is reason to believe that pollutant discharge rates increase after that time.
- e. Sample analysis procedures shall conform to the procedures specified in Appendix A, Section C.3. Physical observations for such things as odor, turbidity, color, or visible sheens may also be required.

### 3. Storm Event Monitoring

The permittee shall collect the following information for each storm event monitored pursuant to Section E.1 of this permit, unless the Department specifies otherwise.

- a. The date, duration (in hours), start and ending times, and magnitude (in inches) of the storm event sampled.
- b. The total volume of storm water discharged. The permittee may calculate runoff volume from the magnitude of the storm, the area drained and the runoff coefficient. The calculation method used must be approved by the Department.
- c. The duration between the storm event samples and the end of the previous measurable (greater than 0.1 inch rainfall) storm event.

### 4. Reporting Requirements

The permittee shall submit all storm water monitoring results within 30 days of the event monitored, unless otherwise specified by the Department. All storm water monitoring results shall be submitted using DMR form SW-SEMR (See permit "Attachments"), or equivalent form approved by the Department.

## **F. OTHER CONDITIONS AND REQUIREMENTS**

- 1 Discharges shall be free from toxic substances, which alone or in combination with other substances, create conditions unsuitable for aquatic life.
- 2. Discharges shall not contain pollutants at concentrations or levels that produce objectionable films, colors, turbidity or deposits, or noxious odors in the receiving stream or waterway.

3. The attachments to this permit (i.e., NPDES forms CSW-NOI, SW-SEMR, CSW-START, and CSW-END) may be modified by the Department provided the notification and reporting requirements set forth in this permit are met. If information is submitted on an outdated form, opportunity to resubmit the information shall be provided the permittee or, at the discretion of the Department, submittals on outdated forms may be accepted.

## **G. PERIODIC REPORTING AND RECORD KEEPING REQUIREMENTS**

This section summarizes reporting and record keeping requirements set forth in other sections of this permit. This section is intended as an aid to the permittee in identifying and complying with these requirements, and contains references to the Sections of the permit where the requirements are set forth.

This summary list does not contain all the reporting and record keeping requirements that may be required by various Department regulations, nor does it relieve the permittee of the responsibility to comply with reporting requirements not listed below.

1. The initial Notification of Intent (Sections B.5 and C.1 thru C.4).
2. Notification of project start-up and completion (Sections C.7).
3. Copies of the SWPPP shall be submitted within 7 days of receiving a written request from the Department (Section D.1.d).
4. Chapter 18 of NDEQ Title 126 - Rules and Regulations Pertaining to the Management of Wastes contains spill reporting requirements. Section D.2.d of this permit requires the Spill Prevention and Response Practices of the SWPPP to comply with this regulation. Appendix A, Section A.6 also contains information on spill reporting.
5. Copies of facility inspection and maintenance activities must be kept until coverage under the permit has expired. Copies of said records shall be furnished to the Department if requested (Section D.5).
6. Monitoring reports on the results of any storm event monitoring activities (Section E.4).
7. In addition to the reporting and record keeping requirements referenced above, Appendix A also contains reporting and record keeping requirements that may apply to some storm water dischargers. References to these requirements are listed below:
  - a. Appendix A, Section B.1 - Duty to Provide Information,
  - b. Appendix A, Sections C.5 & C.6 - Retention of Records and Record Contents,
  - c. Appendix A, Section D.1 - Immediate Notification,
  - d. Appendix A, Section D.2 - 24-Hour Reporting,
  - e. Appendix A, Section D.3 - Written Non-Compliance Notification
  - f. Appendix A, Section D.4 - Quarterly Discharge Monitoring Reports
  - g. Appendix A, Section D.5 - Changes in Discharge
  - h. Appendix A, Section D.6 - Toxic Discharge Reporting Requirements,
  - i. Appendix A, Section D.7 - Changes in Sludge Quality,
  - j. Appendix A, Section D.9 - Transfers
  - k. Appendix A, Section E.2 - Upset Reporting, and
  - l. Appendix A, Section E.3 - Bypass Reporting



**APPENDIX A - Standard Conditions for NPDES and NPP Permits.**

These general conditions are applicable to all NPDES and NPP permits. These conditions shall not preempt any more stringent requirements found elsewhere in this permit.

**A. General Conditions**

**1. Information Available**

All permit applications, fact sheets, permits, discharge data, monitoring reports, and any public comments concerning such shall be available to the public for inspection and copying, unless such information about methods or processes is entitled to protection as trade secrets of the owner or operator under Neb. Rev. Stat. §81-1527, (Cum. Supp. 1992) and Title 115, Chapter 9.

**2. Duty to Comply**

All authorized discharges shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the permit.

The permittee shall comply with all conditions of this permit. Failure to comply with these conditions may be grounds for administrative action or enforcement proceedings including injunctive relief and civil or criminal penalties.

The filing of a request by the permittee for a permit modification, revocation and reissuance, termination or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

**3. Duty to Mitigate**

The permittee shall take all reasonable steps to minimize, prevent or correct any adverse impact to the environment resulting from noncompliance with this permit, including such accelerated or additional monitoring as required by the NDEQ to determine the nature and impact of the noncompliant discharge.

**4. Permit Actions**

This permit may be modified, suspended, revoked or reissued, in part or in whole, in accordance with the regulations set forth in NDEQ Titles 119 and/or 127. In addition, this permit may be modified, revoked and reissued to incorporate standards or limitations issued pursuant to Sections 301(b)(2)(c), 301(b)(2)(d), 304(b)(2), 307(a)(2), or 405(d) of the Clean Water Act, Public Law 100-4 (i.e., industrial categorical standards and municipal sludge regulations) and Title 121.

**5. Toxic Pollutants**

The permittee shall not discharge pollutants to waters of the State that cause a violation of the standards established in NDEQ Titles 117, 118 or 121. All discharges to surface waters of the State shall be free of toxic (acute or chronic) substances which alone or in combination with other substances, create conditions unsuitable for aquatic life outside the appropriate mixing zone.

**Appendix A (continued)**

**6. Oil and Hazardous Substances/Spill Notification**

Nothing in this permit shall preclude the initiation of any legal action or relieve the permittee from any responsibilities, liabilities or penalties under Section 311 of the Clean Water Act. The permittee shall conform to the provisions set forth in NDEQ Title 126 in the event of a release of a reportable quantity of oil or hazardous substances. If the permittee knows, or has reason to believe, that oil or hazardous substances were released at the facility and could enter waters of the State or any of the outfall discharges authorized in this permit, the permittee shall immediately notify the Department of a release of oil or hazardous substances. During Department office hours (i.e., 8:00 a.m. to 5:00 p.m., Monday through Friday, except holidays), notification shall be made to the LUST/ER Section (telephone number 402/471-4230). When the LUST/ER Section cannot be contacted, the permittee shall report to the Nebraska State Patrol for referral to the NDEQ Emergency Response Team (telephone number 402/471-4545). It shall be the permittee's responsibility to maintain current telephone numbers necessary to carry out the notification requirements set forth above.

**7. Property Rights**

The issuance of this permit does not convey any property rights of any sort or any exclusive privileges nor does it authorize any damage to private property or any invasion of personal rights nor any infringement of federal, state or local laws or regulations.

**8. Severability**

If any provision of this permit is held invalid, the remainder of this permit shall not be affected.

**9. Other Rules and Regulations Liability**

The issuance of this permit in no way relieves the obligation of the permittee to comply with other rules and regulations of the Department.

**10. Inspection and Entry**

The permittee shall allow the Director or his authorized representative, upon the presentation of his identification and at a reasonable time:

- a. to enter upon the permittee's premises where a regulated facility or activity is located or conducted, or records are required to be kept under the terms and conditions of the permit,
- b. to have access to and copy any records required to be kept under the terms and conditions of the permit,
- c. to inspect any facilities, equipment (including monitoring and control), practices or operations regulated or required in the permit, and
- d. to sample or monitor any substances or parameters at any location.

**11. Penalties**

Violations of the terms and conditions of this permit may result in the initiation of criminal and/or civil actions. Civil penalties can result in fines of up to \$10,000.00 per day [Neb. Rev. Stat. §81-1508, as amended to date. Criminal penalties for willful or negligent violations of this permit may result in penalties of \$10,000.00 per day or by imprisonment. Violations may also result in federal prosecution.

**Appendix A (continued)**

**B. Management Requirements**

**1. Duty to Provide Information**

The permittee shall furnish to the Department within a reasonable time, any information which the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit; or to determine compliance with this permit. The permittee shall also furnish to the Department upon request, copies of records retained as a requirement of this permit.

**2. Duty to Reapply**

The permittee shall apply for a reissuance of this permit, if an activity regulated by this permit is to be continued after the expiration date of this permit. The application shall be submitted at least 180 days before the expiration of this permit on an application form supplied by the Department, as set forth in NDEQ Titles 119 and/or 127.

**3. Signatory Requirements**

All reports and applications required by this permit or submitted to maintain compliance with this permit, shall be signed and certified as set forth in this section.

- a. Permit applications shall be signed by a **cognizant official** who meets the following criteria:
  - (1) for a corporation: by a principal executive officer of at least the level of vice-president,
  - (2) for a partnership or sole proprietorship: by a general partner or the proprietor, respectively, or
  - (3) for a municipality, state, federal or other public facility: by either a principal executive officer or highest ranking elected official.
- b. Discharge monitoring reports and other information shall be signed by the cognizant official or by an **authorized representative**.
- c. An authorized representative is designated by the cognizant official. The authorized representative is responsible for the overall operation of the facility (i.e., a plant manager, a well field operator or a wastewater treatment plant superintendent).
- d. Any change in the signatories shall be submitted to the Department, in writing, within 30 days after the change.
- e. Certification. All applications, reports and information submitted as a requirement of this permit, shall contain the following certification statement:

"I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

**Appendix A (continued)**

**C. Monitoring and Records**

**1. Representative Sampling**

Samples and measurements taken as required within this permit shall be representative of the discharge. All samples shall be taken at the monitoring points specified in this permit and, unless otherwise specified, before the effluent joins or is diluted by any other waste stream, body of water or substance. Monitoring points shall not be changed without notification to the Department and with the written approval of the Director.

- a. Composite sampling shall be conducted in one of the following manners:
  - (1) continuous discharge - a minimum of one discrete aliquot collected every three hours,
  - (2) less than 24 hours - a minimum of hourly discrete aliquots or a continuously drawn sample shall be collected during the discharge, or
  - (3) batch discharge - a minimum of three discrete aliquots shall be collected during each discharge.
- b. Composite samples shall be collected in one of the following manners:
  - (1) the volume of each aliquot must be proportional to either the waste stream flow at the time of sampling or the total waste stream flow since collection of the previous aliquot,
  - (2) a number of equal volume aliquots taken at varying time intervals in proportion to flow,
  - (3) a sample continuously collected in proportion to flow, and
  - (4) where flow proportional sampling is infeasible or nonrepresentative of the pollutant loadings the Department may approve the use of time composite samples.
- c. Grab samples shall consist of a single aliquot collected over a time period not exceeding 15 minutes.
- d. All sample preservation techniques shall conform to the methods adopted in NDEQ Title 121, Chapter 8, unless:
  - (1) in the case of sludge samples, alternative techniques are specified in the 40 CFR, Part 503, or
  - (2) other procedures are specified in this permit.

**2. Flow Measurements**

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be used to insure the accuracy and reliability of measurements. The devices shall be installed, calibrated and maintained to insure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of +/- 10% from the true discharge rates throughout the range of expected discharge volumes. Guidance in selection, installation, calibration and operation of acceptable flow measurement devices can be obtained from the following references:

- a. "Water Management Manual," U. S. Department of Interior, Bureau of Reclamation, Second Edition, Revised Reprint, 1974, 327 pp. Available from the U. S. Government Printing Office, Washington, DC 20402. Order by Catalog Number 127.19/2:W29/2, Stock Number S/N 24003-0027.

**Appendix A (continued)**

- b. "Flow Measurement in Open Channels and Closed Conduits," U. S. Department of Commerce, National Bureau of Standards, NBS Special Publication 484, October, 1977, 982 pp. Available in paper copy or microfiche from National Technical Information Service (NTIS), Springfield, VA 22151. Order by NTIS Number PB-273 535/5ST.
- c. "NPDES Compliance Sampling Manual," U. S. Environmental Protection Agency, Office of Water Enforcement, Publication MCD-51, May, 1988, 140 pp. Available from the General Services Administration (8FFS), Centralized Mailing Lists Services, Building 41, Denver Federal Center, Denver, CO 80225.

**3. Test Procedures**

Test procedures used for monitoring required by this permit, shall conform to the methods adopted in NDEQ Title 121, Chapter 8 unless:

- a. in the case of sludge samples, alternative techniques are specified in the 40 CFR, Part 503, or
- b. other procedures are specified in this permit.

**4. Averaging of Measurements**

Averages shall be calculated as an arithmetic mean except:

- a. bacterial counts which shall be calculated as a geometric mean, or
- b. where otherwise specified by the Department.

**5. Retention of Records**

The permittee shall retain records of all monitoring activities for a period of at least three years (five years for sludge; see below) as set forth in NDEQ Titles 119 and/or 127. The types of records that must be retained include, but are not limited to:

- a. calibration and maintenance records,
- b. original strip chart recordings,
- c. copies of all reports required by this permit,
- d. monitoring records and information, and
- e. electronically readable data.

The permittee shall retain records of monitoring required by this permit that are related to sludge use and disposal for a period of five years or longer, as required in 40 CFR, Part 503.

**6. Record Contents**

Records of sampling or monitoring information shall include:

- a. the date(s), exact place, time and methods of sampling or measurements,
- b. the name(s) of the individual(s) who performed the sampling or measurements,

**Appendix A (continued)**

- c. the date(s) the analyses were performed,
- d. the individual(s) who performed the analyses,
- e. the analytical techniques or methods used,
- f. the results of such analyses, and
- g. laboratory data, bench sheets and other required information.

**D. Reporting Requirements**

**1. Immediate Notification**

- a. NPP permittees shall report immediately to the publicly owned treatment works (POTW), any discharge to the POTW that may result in a violation of NDEQ Title 127, Chapter 3.
- b. All permittees shall report immediately to the NDEQ:
  - (1) discharges of oil or hazardous substances which threaten waters of the State or public health and welfare, and
  - (2) discharges causing in-stream toxicity (i.e., a fish kill) or an immediate threat to human health.

Initial notification may be verbal. A written noncompliance notification shall be submitted as set forth in Section D. 3. of this Appendix.

**2. 24-Hour Reporting**

The permittee shall report to the NDEQ, within 24 hours of becoming aware of:

- a. any noncompliance which may endanger the environment or human health or welfare,
- b. any unanticipated bypass as set forth in NDEQ Titles 119 and/or 127,
- c. all upsets as set forth in NDEQ Titles 119 and/or 127,
- d. any discharge to a POTW that causes a violation of the prohibited discharge standards set forth in NDEQ Title 127, Chapter 3, or
- e. any noncompliance of an effluent limitation in this permit.

Initial notification may be verbal. A written noncompliance notification shall be submitted as set forth in Section D. 3. of this permit.

If sampling performed by an industrial user (NPP permittee) indicates a permit effluent violation, the permittee shall notify the Department and the city within 24 hours of becoming aware of the violation. The permittee shall resample and have it analyzed. The results of the resampling analysis shall be submitted to the Department and the city within 30 days after becoming aware of the violation.

**Appendix A (continued)**

**3. Written Noncompliance Notification**

- a. The permittee shall submit a written noncompliance report to the NDEQ:
  - (1) within five days of becoming aware of any noncompliance with the:
    - (a) NPP effluent limitations or requirements set forth in this permit, or
    - (b) NPDES toxic pollutant effluent limitations or requirements set forth in this permit.
  - (2) within seven days of becoming aware of any other noncompliance with the NPDES requirements and/or effluent limitations set forth in this permit.
- b. the written notification shall be submitted on a noncompliance form supplied by the Department and shall include:
  - (1) a description of the discharge and cause of noncompliance,
  - (2) the period of noncompliance, including exact dates and times, or if not corrected, the anticipated time the noncompliance is expected to continue, and
  - (3) the steps taken to reduce, eliminate and prevent the reoccurrence of the noncompliance.

The submittal of a written noncompliance report does not relieve the permittee of any liability from enforcement proceedings that may result from the violation of permit or regulatory requirements.

**4. Quarterly Discharge Monitoring Reports (DMRs)**

The permittee shall report the monitoring results required by this permit on a DMR form supplied or approved by the Department. Monitoring results shall be submitted on a quarterly basis using the reporting schedule set forth below, unless otherwise specified in this permit or by the Department.

<u>Monitoring Quarters</u>	<u>DMR Reporting Deadlines</u>
January - March	April 28
April - June	July 28
July - September	October 28
October - December	January 28

If the permittee monitors any pollutant more frequently than required by this permit, using procedures specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted on the DMR. The frequency of the analysis shall also be reported on the DMR.

**5. Changes in Discharge**

Any facility expansion, production increases or process modifications which will result in new or substantially increased discharges of pollutants or a change in the nature of the discharge of pollutants must be reported by the permittee 180 days prior to the expansion, increases or modifications, either by amending his original application or by submitting a new application. This permit may be modified or revoked and reissued as a result of this notification to maintain compliance with applicable state or federal regulations.

**Appendix A (continued)**

**6. Changes in Toxic Discharges from Manufacturing, Commercial, Mining and Silvicultural Facilities**

Permittees discharging from manufacturing, commercial, mining and silvicultural facilities shall report to the Department:

- a. if any toxic pollutant not limited in this permit is discharged from any NPDES outfall as a result of any activity that will or has occurred and results in its routine or frequent discharge. The Department shall be informed if that discharge exceeds the following notification levels:
  - (1) 100 micrograms per liter (0.1 mg/l) for any toxic pollutant,
  - (2) 200 micrograms per liter for acrolein and acrylonitrile (0.2 mg/l),
  - (3) 500 micrograms per liter for 2,4-dinitrophenol and for 2-methyl-4, 6-dinitrophenol (0.5 mg/l),
  - (4) 1000 micrograms per liter for antimony (1 mg/l),
  - (5) five times the maximum concentration value reported for that pollutant in the permit application or
  - (6) an alternative level established by the Director, and
- b. if any toxic pollutant not limited in this permit is discharged from an NPDES outfall as a result of any activity that will or has occurred and results in its nonroutine discharge. The Department shall be informed if that discharge exceeds the following notification levels:
  - (1) 500 micrograms per liter (0.5 mg/l) for any toxic pollutant,
  - (2) 1000 micrograms for antimony (1 mg/l),
  - (3) ten times the maximum concentration value reported for that pollutant in the permit application, or
  - (4) an alternative level established by the Director.

**7. Changes in Sludge Quality**

The permittee shall provide written notice to the Department of any alteration or addition that results in a significant change in the permittee's sludge use or disposal practices. This permit may be modified or revoked and reissued as a result of this notification to maintain compliance with applicable state or federal regulations.

**8. Changes of Loadings to Publicly Owned Treatment Work (POTW)**

POTW's shall notify the Department of the following:

- a. any new introduction of pollutants from dischargers subject to the categorical pretreatment discharge limitations set forth in NDEQ Title 121, Chapter 2, and
- b. any substantial change in the volume or character of pollutants being introduced into the POTW.

Notification shall be made 180 days in advance whenever possible. Information on the quantity and quality of new discharges and their anticipated impact on the POTW shall be included.



**Appendix A (continued)**

**9. Transfers**

The permittee shall notify the Department at least 30 days prior to the proposed transfer of ownership of this permit or the permitted facility to another party as set forth in NDEQ Title 119, Chapter 12 and/or NDEQ Title 127, Chapter 14. The Department may modify or revoke and reissue this permit according to the regulations set forth in NDEQ Titles 119 and/or 127.

**10. Compliance Schedules**

The permittee shall submit a written report of compliance or noncompliance with any compliance schedule established in this permit. The written report shall be submitted within 14 days following all deadlines established in the compliance schedule. If compliance has not been achieved, the report shall include an alternative completion date, an explanation of the cause of the noncompliance and an explanation of the steps being taken to ensure future compliance. The submission of this report does not ensure the Department's acceptance of alternative compliance dates nor does it preclude the Department from initiating enforcement proceedings based upon the reported noncompliances.

**E. Operation and Maintenance**

**1. Proper Operation and Maintenance**

The permittee shall, at all times, maintain in good working order and operate as efficiently as possible, any facilities or systems of control installed by the permittee in order to achieve compliance with the terms and conditions of this permit. This would include, but not be limited to, effective performance based on designed facility removals, effective management, adequate operator staffing and training, adequate laboratory and process controls, and adequate funding which reflects proper user fee schedules.

**2. Treatment System Failure and Upset**

An upset is an affirmative defense to an enforcement action brought for noncompliance with technology-based permit effluent limitations if the permittee can demonstrate, through properly signed, operating logs or other relevant evidence, that:

- a. an upset occurred and the specific cause was identified,
- b. that the facility was properly operated and maintained at such time,
- c. the Department was notified within 24 hours of the permittee becoming aware of the upset, and
- d. the permittee took action to reduce, eliminate and prevent a reoccurrence of upset, including minimizing adverse impact to waters of the State.

**3. Bypassing**

Any diversion from or bypass of the treatment facilities is prohibited, unless:

- a. it is unavoidable to prevent loss of life, personal injury or severe property damage,
- b. no feasible alternative exists, i.e., auxiliary treatment facilities, retention of untreated wastes or maintenance during normal periods of equipment downtime,

**Appendix A (continued)**

- c. the permittee submits notice to the Department within 24 hours of becoming aware of the bypass or if the bypass is anticipated or should have been anticipated, the Department is notified at least ten days prior to the bypass, and
- d. the bypass is conducted under conditions determined to be necessary by the Director to minimize any adverse effects.

If the bypass is needed for regular preventative maintenance for which back-up equipment should be provided, the bypass will not be allowed. When a bypass occurs, the burden is on the permittee to demonstrate compliance with items "a" through "d" above.

Additionally, NPP permittees shall report any bypasses to the POTW. Unanticipated bypasses shall be reported immediately and anticipated bypasses shall be reported at least ten days in advance.

All NPDES permittees shall notify the general public that a bypass of the treatment system is occurring. The public notification shall include:

- a. location of the bypass,
- b. the date the bypass started,
- c. anticipated length of time the bypass will occur, and
- d. an estimate of the total volume of wastewater bypassed.

**4. Removed Substances**

Solids, sludge, filter backwash or other pollutants removed in the course of treatment or control of wastewater shall be disposed of at a site and in a manner approved by the Nebraska Department of Environmental Quality. The disposal of nonhazardous industrial sludges shall conform to the standards established in or to the regulations established pursuant to 40 CFR, Part 257. The disposal of sludge shall conform to the standards established in or to the regulations established pursuant to 40 CFR, Part 503. If solids are disposed of in a licensed sanitary landfill, the disposal of solids shall conform to the standards established in Title 132. Publicly owned treatment works shall dispose of sewage sludge in a manner that protects public health and the environment from any adverse effects which may occur from toxic pollutants as defined in Section 307 of the Clean Water Act. This permit may be modified or revoked and reissued to incorporate regulatory limitations established pursuant to 40 CFR, Part 503.

**F. Definitions**

**Administrator:** The Administrator of the USEPA.

**Aliquot:** An individual sample having a minimum volume of 100 milliliters that is collected either manually or in an automatic sampling device.

**Biweekly:** Once every other week.

**Bimonthly:** Once every other month.

**Bypass:** The intentional diversion of wastes from any portion of a treatment facility.

**Daily Average:** An effluent limitation that cannot be exceeded and is calculated by averaging the monitoring results for any given pollutant parameter obtained during a 24-hour day.

**Appendix A (continued)**

**Department:** Nebraska Department of Environmental Quality.

**Director:** The Director of the Nebraska Department of Environmental Quality.

**Industrial User:** A source of indirect discharge (a pretreatment facility).

**Monthly Average:** An effluent limitation that cannot be exceeded, calculated by averaging the monitoring results for any given pollutant parameter obtained during a calendar month.

**Publicly Owned Treatment Works (POTW):** A treatment works as defined by Section 212 of the Clean Water Act (Public Law 100-4) which is owned by the state or municipality, excluding any sewers or other conveyances not leading to a facility providing treatment.

**30-Day Average:** An effluent limitation that cannot be exceeded, calculated by averaging the monitoring results for any given pollutant parameter obtained during a calendar month.

**Total Toxic Organics (TTO):** The summation of all quantifiable values greater than 0.01 milligrams per liter (mg/l) for toxic organic compounds that may be identified elsewhere in this permit. (If this term has application in this permit, the list of toxic organic compounds will be identified; typically in the Limitations and Monitoring Section(s) or in an additional Appendix to this permit.)

**Toxic Pollutant:** Those pollutants or combination of pollutants, including disease causing agents, after discharge and upon exposure, ingestion, inhalation or assimilation into an organism, either directly from the environment or indirectly by ingestion through food chains will, on the basis of information available to the administrator, cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunction (including malfunctions in reproduction) or physical deformations, in such organisms or their offspring.

**Upset:** An exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee, excluding such factors as operational error, improperly designed or inadequate treatment facilities or improper operation and maintenance or lack thereof.

**Volatile Organic Compounds (VOC):** The summation of all quantifiable values greater than 0.01 milligrams per liter (mg/l) for volatile, toxic organic compounds that may be identified elsewhere in this permit. (See the definition for Total Toxic Organics above. In many instances, VOCs are defined as the volatile fraction of the TTO parameter. If the term "VOC" has application in this permit, the list of toxic organic compounds will be identified; typically in the Limitations and Monitoring Section(s) or in an additional Appendix to this permit.)

**Weekly Average:** An effluent limitation that cannot be exceeded, calculated by averaging the monitoring results for any given pollutant parameter obtained during a fixed calendar week. The permittee may start their week on any weekday but the weekday must remain fixed unless a change is approved by the Department.

**"X" Day Average:** An effluent limitation defined as the maximum allowable "X" day average of consecutive monitoring results during any monitoring period where "X" is a number in the range of one to seven days.

**G. Abbreviations**

**CFR:** Code of Federal Regulations

**kg/Day:** Kilograms per Day

**Appendix A (continued)**

**MGD:** Million Gallons per Day

**mg/L:** Milligrams per Liter

**NDEQ:** Nebraska Department of Environmental Quality

**NDEQ Title 115:** Rules of Practice and Procedure

**NDEQ Title 117:** Nebraska Surface Water Quality Standards

**NDEQ Title 118:** Ground Water Quality Standards and Use Classification

**NDEQ Title 119:** Rules and Regulations Pertaining to the Issuance of Permits Under the National Pollutant Discharge Elimination System

**NDEQ Title 121:** Effluent Guidelines and Standards

**NDEQ Title 126:** Rules and Regulations Pertaining to the Management of Wastes

**NDEQ Title 127:** Rules and Regulations Governing the Nebraska Pretreatment Program

**NDEQ Title 132:** Rules and Regulations Pertaining to Solid Waste Management

**NPDES:** National Pollutant Discharge Elimination System

**NPP:** Nebraska Pretreatment Program

**POTW:** Publicly Owned Treatment Works

**ug/L:** Micrograms per Liter

**WWTF:** Wastewater Treatment Facility

## **APPENDIX B - State Resource Waters and Public Drinking Water Supply Stream Segments**

This appendix identifies stream segments and water bodies for which a written authorization is required to allow the discharge of storm water under the terms and conditions of NPDES General Permit NER10000 (See Section C.4 and C.7 of the permit). This appendix references these stream segments by County to facilitate the completion of the Notice of Intent and Relocation Notice forms. In filling out these forms, the applicant need only identify the stream segment or water body by name; the other information supplied is not needed on the forms.

### **Boyd County**

Missouri River from the South Dakota border to the Knox County line; Class A State Resource Water; (Stream segment: NI1-10000)

Niobrara River from the Keya Paha County line to the Knox County line;  
Class A State Resource Water; (Stream segments: NI2-10000 & NI3-10000)

### **Brown County**

Calamus River from its headwaters to the Rock County line; Class B State Resource Water; (Stream segments: LO2-11300, LO2-11400, LO2-11500 & LO2-11600)

Niobrara River from the Cherry County line to the Rock County line;  
Class A State Resource Water; (Stream segments: NI3-10000 & NI3-20000)

Long Pine Creek from its headwaters to the confluence of Bone Creek; Class B State Resource Water; (Stream segments: NI3-12300 and NI3-12400)

### **Cedar County**

Missouri River from the Knox County line to the Dixon County line; Class A State Resource Water; Public Drinking Water; Threatened species: Lake & Pallid Sturgeon; (Stream segment: MT2-10000)

### **Cherry County**

Niobrara River from the confluence of the Snake River to the Keya Paha/Brown County lines; Class A State Resource Water; (Stream segments: NI3-20000)

### **Dakota County**

Missouri River from the Dixon County line to the confluence of the Big Sioux River; Class A State Resource Water; Public Drinking Water; Threatened species: Lake & Pallid Sturgeon; (Stream segment: MT2-10000)

### **Dawes County**

Chadron Creek from its headwaters to its confluence with the White River; Public Drinking Water Standards; (Stream Segment: WH1-11300)

Cunningham Creek from its headwaters to its confluence with Indian Creek; Class A State Resource Water; (Stream segment: WH1-11710)

Dead Man's Creek from its headwaters to the Sioux County line; Public Drinking Water Standards; (Stream Segment: WH1-30100)

Soldier Creek from the Sioux County line to its confluence with the White River; Class A State Resource Water; (Stream segment: WH1-20300)

**Appendix B (continued)**

**Dawes County (continued)**

Squaw Creek from its headwaters to the National Forest Boundary; Class A State Resource Water; (Stream segment WH1-20120)

White River from the Sioux County line to its confluence with Soldier Creek; Class B State Resource Water; Public Drinking Water; (Stream segment: WH1-30000)

White River from Soldier Creek to the South Dakota border; Public Drinking Water standards; (Stream segments: WH1-10000 and WH1-20000)

**Dixon County**

Missouri River from the Cedar County line to the Dakota County line; Class A State Resource Water; Threatened species: Lake & Pallid Sturgeon; (Stream segment: MT2-10000)

**Garfield County**

Calamus River from the Loup County line to the confluence with North Loup River; Class B State Resource Water; (Stream segment: LO2-11300)

**Holt County**

Elkhorn River from the confluence of the North and South Forks to Holt Creek; Class B State Resource Water; (Stream segment: EL4-40000)

Niobrara River from the Rock County line to the Knox County line;  
Class A State Resource Water; (Stream segment: NI2-10000)

**Keith County**

North Platte River from Kingsley Dam to the confluence of Whitetail Creek; Class B State Resource Water; (Stream segment: NP1-40000)

Otter Creek from its headwaters to Lake C.W. McConaughy; Class B State Resource Water; (Stream segment: NP2-10300)

**Keya Paha County**

Niobrara River from the Cherry County line to the Boyd County line;  
Class A State Resource Water; (Stream segments: NI3-10000 & NI3-20000)

**Knox County**

Missouri River from the confluence of the Niobrara River to the Cedar County line; Class A State Resource Water; Public Drinking Water; Threatened species: Lake & Pallid Sturgeon; (Stream segment: MT2-10000)

Missouri River from the Boyd County line to the confluence of the Niobrara River; Class A State Resource Water; (Stream segment: NI1-10000)

Niobrara River from the Boyd/Holt County line to its confluence with the Missouri River; Class A State Resource Water; (Stream segment: NI2-10000)

**Appendix B (continued)**

**Knox County (continued)**

Verdigre Creek from the confluence of the North Branch Verdigre Creek to its confluence with the Niobrara River; Class A State Resource Water; (Stream segment: NI3-10100)

**Loup County**

Calamus River from the Rock County line to the Garfield County line; Class B State Resource Water; (Stream Segment: LO2-11300)

**Richardson County**

Unnamed creek which discharges to the Missouri River in Section 5, Range 3 North, Township 17 East and flows through Indian Cave State Park (Only the upper reaches of this creek extend beyond the boundaries of Indian Cave State Park.), Class A State Resource Water; (Stream segment: NE1-10700).

**Rock County**

Calamus River from the Brown County line to the Loup County line; Class B State Resource Water; (Stream Segment: LO2-11300)

Long Pine Creek; Class B State Resource Water; (Stream segments: NI3-12300 and NI3-12400 - These segments are in Brown County but their is drainage from Rock County into them.)

Niobrara River from the Brown County line to the Holt County line;  
Class A State Resource Water; (Stream segments: NI3-10000)

**Sioux County**

Dead Man's Creek from the Dawes County line to its confluence with the White River; Public Drinking Water Standards; (Stream Segment: WH1-30100)

Middle Fork Soldier Creek from its headwaters to its confluence with Soldier Creek; Class A State Resource Water; (Stream segment: WH1-20310)

Soldier Creek from its headwaters to the Dawes County line; Class A State Resource Water; (Stream segments: WH1-20300 & WH1-20400)

White River from its headwaters to the Dawes County line; Class B State Resource Water; Public Drinking Water standard; (Stream segments: WH1-30000 & WH1-40000)

## **APPENDIX C - Information and Signatures Required in NOIs**

As a minimum, Notices of Intent (NOIs) shall contain the following information to be considered complete. NPDES Form CSW-NOI, which is an attachment to this permit, meets these requirements.

- A. A descriptive name and the physical location of the construction site shall be provided. The physical location shall be expressed both in descriptive terms (i.e., street address, or if not available, in relationship to recognizable landmarks), and in a legal description designated in terms of section, township, range and county. The legal description shall be provided to the nearest 1/16th of a section, where possible (e.g., NW<sup>1</sup>/<sub>4</sub>, SW<sup>1</sup>/<sub>4</sub>, S10, T15N, R11E, Douglas County). For right-of-way projects that extend over several sections, a legal description is not required provided the site map (See Section F below) adequately identifies the location of the project.
- B. A declaration as to whether the site had been authorized to discharge under the previous construction storm water general permit (See Section B.5) or is presently covered by any other NPDES permit.
- C. The identity of the site owner, the developer and/or the contractor to which the discharge authorization will be issued. The party or parties specified should be those responsible for maintaining compliance with the terms and conditions of the permit.
- D. Identity of the Cognizant Official

The identity, mailing address and telephone number of the "cognizant official" the site owner, the developer, and/or the contractor shall be provided. If the "cognizant official" for more than one party (e.g., site owner, developer and contractor) sign the NOI, the discharge authorization shall be issued jointly to them. See examples below.

The qualifications and responsibilities for the "cognizant official" are set forth below and in NDEQ Title 119 Chapter 10.001:

All permit applications submitted to the Department shall be signed:

- 001.01 In the case of corporation, by a principal executive officer of at least the level of vice-president;
- 001.02 In the case of a partnership, by a general partner;
- 001.03 In the case of a sole partnership, by a general partner; and
- 001.04 In the case of a municipal, State or other public facility by either a principal executive officer or ranking elected official."

Example 1: The cognizant official for the developer signs the NOI. The developer assumes full responsibility for developing the SWPPP and for ensuring the contractors working on the site implement the SWPPP.

Example 2: The cognizant officials for the site owner and the primary contractor both sign the NOI. The owner and the contractor are both responsible for developing the SWPPP and for ensuring it is implemented.



**Appendix C (continued)**

Example 3: The cognizant officials for the site owner, the developer and the primary contractor all sign the NOI. All three are then responsible for developing the SWPPP and for ensuring it is implemented.

**E. Identity of the Authorized Representative**

The identity, mailing address and telephone number of the "authorized representative" shall be provided. The "authorized representative" is the primary contact for correspondence and monitor reporting, and must meet the requirements set forth in NDEQ Title 119 Chapter 10.002:

"All other correspondence, reports and DMR's shall be signed by a person designated in 001.01 through 001.04 above or a duly authorized representative if such representative is responsible for the overall operation of the facility from which the discharge originates; the authorization is made in writing by the person designated under 001.01 through 001.04 above; and the written authorization is submitted to the Director."

Only one authorized representative may be designated for any one construction site. The authorized representative may also sign NOIs, if the Cognizant Official has submitted an NOI previously and has specifically authorized the authorized representative to perform this task (See Appendix C Section K below).

**F. One or more site maps are required as specified below.**

1. On all projects, except those on linear right-of-way projects (e.g., pipelines, roads railways or cable right-of-ways), a map or maps showing the location of disturbed areas, storm water outfalls, erosion and sediment control structures, and any streams or wetlands on or adjacent to the project shall be provided.
2. On all projects of 20 acres or more, except those on linear right-of-way projects, a map or maps showing existing and post-construction contours shall be provided.
3. On linear right-of-way projects, a map or maps identifying the segments of the right-of-way involved in the proposed project and their location shall be provided.

**G. The following information concerning the construction or development site is required.**

1. A proposed schedule for the project identifying the construction phases and the implementation of pollution prevention activities (e.g., installation of erosion control structures and sedimentation basins, initial grading, temporary seeding, utility installation, final grading, paving, and permanent seeding) shall be provided.
2. A description of the pollution control and prevention practices to be used shall be provided.
3. The area of the overall site and the area that will be subject to clearing, grading or excavation shall be provided. On linear right-of way projects, the applicant shall submit information on the approximate width and length of the areas disturbed rather than the area of the project(s).

**Appendix C (continued)**

4. The receiving stream(s) to which storm water will be discharged shall be identified. Any receiving streams identified in Appendix B shall be identified as such, thus acknowledging that written discharge authorization is required. On linear right-of-way projects where it is impractical to identify every receiving stream, it shall only be necessary to identify the receiving streams that are listed in Appendix B, provided the site map (See Section F above) adequately identifies the location of the project(s).
  5. Any information of which the applicant is aware concerning existing wastes or contamination present at the proposed construction site shall be provided.
  6. If waste or contamination is present, describe planned clean-up and/or disposal procedures shall be described.
  7. Any storm water discharges to any large or medium municipal storm water systems (More information is provided in permit Section C.3.c concerning requirements for these sources.) shall be identified.
- H. Other government agencies with jurisdiction relative to the construction site shall be identified. A brief explanation of the responsibilities and requirements of those programs shall be provided, as well as a status report on any application and permit requirements. Examples include the following:
- US Army Corps of Engineers - CWA §404 permit - application submitted
  - City grading permit - application submitted and permit received
  - Local NRD erosion control standards - SWPPP will meet requirements
- I. Information identifying whether the applicant has obtained authorization to discharge under this general permit before and whether the proposed construction project is a continuation of a previous project.

**Appendix C (continued)**

**J. Certification**

The following certification statement shall be contained in the NOI.

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

I further certify that:

1. I, or qualified members of my staff, have reviewed and understand the terms and conditions of NPDES General Permit Number NER100000;
2. the construction site(s) identified in Section 1 of this NOI meets the "Applicability" requirements and is not excluded by the "Limitation of Coverage" requirements, set forth in Section B of the permit; and
3. I understand that the submission of this NOI obligates the owner, developer and/or operator identified in this NOI to comply with the terms and conditions of the Permit NER100000, provided authorization to discharge is obtained.

**K. Signature Requirements**

The initial NOI submitted by any person, business, government agency, or other entity shall be signed by the Cognizant Official(s) representing them. Any NOIs submitted for additional sites may be submitted under the signature of the Authorized Representative, provided the Cognizant Official has specifically authorized them to perform this task in a previous NOI or other follow-up written documentation.

If the Cognizant Official for more than one party signs the NOI, then the discharge authorization shall be jointly issued to them. If more than one party is identified as an owner, developer or contractor in the NOI, but the Cognizant Official for only one party signs the NOI, the discharge authorization shall be issued to that party alone.

# Nebraska Department of Environmental Quality

## NPDES Municipal and Industrial Section Water Quality Division

1200 'N' Street, Suite 400, The Atrium  
PO Box 98922

Lincoln, NE 68509-8922

Tel. 402/471-4220

Fax 402/471-2909

### NPDES Form CSW-NOI

#### Notice of Intent (NOI) Requesting Discharge Authorization for Storm Water from Construction Sites Under the NPDES General Permit NER100000.

Submission of this NOI fulfills the requirements set forth in Sections C.1 and C.2 of NPDES General Permit Number NER100000. By submission of this NOI, the applicant is requesting authorization to discharge under the terms and conditions of said permit, and is agreeing to meet all of the terms and conditions set forth in said permit. The specific procedures used for granting authorization to discharge are set forth in Section C.4 of the permit. Appendix C in the permit also contains information that may provide some assistance in the completion of this NOI.

The applicant is responsible for ensuring they meet the "Applicability" requirements set forth in Section B of the permit. Once authorization to discharge is granted, the permittee is required to maintain compliance with the terms and conditions of the permit. Any questions concerning this NOI, the permit, its applicability, its terms or conditions, or any other related subjects, should be directed to the NPDES Municipal and Industrial Section at (402) 471-4220. Written requests and application submittals should be sent to the NPDES Municipal and Industrial Section at the address set forth on page 6 of this form.

Attachments may be used to complete or supplement this NOI provided they are identified and referenced on this form.

#### 1) Identification of Construction Project

Name of Project: \_\_\_\_\_

Location of Project (Street address or brief narrative description): \_\_\_\_\_

Legal Description <sup>(1)</sup>: \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter, or \_\_\_\_\_

Section \_\_\_\_\_, Township \_\_\_\_\_ N, Range \_\_\_\_\_ (EorW), \_\_\_\_\_ County

(1) Applicants may enter a legal description in terms other than those requested. For example: N 1/2, Section 8, Township 8 N, Range 6.W..

#### 2) Site Map(s) - Provide one or more site maps as directed below.

For all projects, except those on linear right-of-way projects (e.g., pipelines, roads railways or cable right-of-ways), provide a map or maps showing the location of disturbed areas, storm water outfalls, erosion and sediment control structures, and any streams or wetlands on or adjacent to the project.

For projects of 20 acres or more, except those on linear right-of-way projects, provide a map or maps showing existing and post-construction contours.

For linear right-of-way projects, provide a map or maps identifying the segments of the right-of-way involved in the proposed project and their location(s).

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**3) Information on the Construction Project (Continued)**

Total Area of the Site: \_\_\_\_\_ acres                      Area of the Site that will be Disturbed: \_\_\_\_\_ acres

or for linear right-of-way projects length and width approximations may be provided: \_\_\_\_\_

Briefly describe the project: \_\_\_\_\_

Provide (or attach) a tentative schedule for the construction project including the installation or implementation of major erosion prevention and control measures (e.g., initial installation of controls, temporary and permanent seeding, etc.).

Provide any information of which the applicant is aware, concerning any existing wastes or contamination that may exist at the proposed construction site, or that may be present in fill material to be used at the site. If waste or contamination is present, describe any planned clean-up and/or disposal procedures. If the applicant is not aware of any existing contamination or wastes at the site or in fill, write "NONE" below.

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**4) Receiving Stream:**

Identify the receiving stream or streams to which storm water from this project will be discharged (for linear right-of-way projects it may only be necessary to identify receiving streams that are listed in Appendix B):

Is the receiving stream listed in Appendix B of the permit? \_\_\_\_\_

If yes, written discharge authorization will be required prior to the start of the project (See permit Section C.4.e).

**5) Owner , Developer and/or Operator Responsible for Permit Compliance**

This section is used to identify the owner, the developer and /or the contractor for which the discharge authorization is requested (i.e., the applicant(s)). If only one owner, developer or contractor is to be responsible for permit compliance, then only applicant need be identified. If two or more owners, developers or contractors are to share responsibility for permit compliance, then they must all be identified.

A "cognizant official" must be identified for each applicant. The "cognizant official" is responsible for signing all permit applications and meets the requirements set forth in NDEQ Title 119 Chapter 10.001:

"All permit applications submitted to the Department shall be signed:

001.01 In the case of corporation, by a principal executive officer of at least the level of vice-president;

001.02 In the case of a partnership, by a general partner;

001.03 In the case of a sole partnership, by a general partner; and

001.04 In the case of a municipal, State or other public facility by either a principal executive officer or ranking elected official."

**Name of Applicant #1:** \_\_\_\_\_

Check Appropriate Role(s): Land Owner \_\_\_\_\_ Leasee \_\_\_\_\_ Developer \_\_\_\_\_ Contractor \_\_\_\_\_ Other \_\_\_\_\_

If "Other" specify: \_\_\_\_\_ Tel. \_\_\_\_\_

Cognizant Official: \_\_\_\_\_ Title: \_\_\_\_\_

Mail Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

**Name of Applicant #2:** \_\_\_\_\_

Check Appropriate Role(s): Land Owner \_\_\_\_\_ Leasee \_\_\_\_\_ Developer \_\_\_\_\_ Contractor \_\_\_\_\_ Other \_\_\_\_\_

If "Other" specify: \_\_\_\_\_ Tel. \_\_\_\_\_

Cognizant Official: \_\_\_\_\_ Title: \_\_\_\_\_

Mail Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

**Name of Applicant #3:** \_\_\_\_\_

Check Appropriate Role(s): Land Owner \_\_\_\_\_ Leasee \_\_\_\_\_ Developer \_\_\_\_\_ Contractor \_\_\_\_\_ Other \_\_\_\_\_

If "Other" specify: \_\_\_\_\_ Tel. \_\_\_\_\_

Cognizant Official: \_\_\_\_\_ Title: \_\_\_\_\_

Mail Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

=====

**6) Facility Contact or Authorized Representative**

The Applicant(s) set forth above may designate an individual to be the "Authorized Representative" for the project. The "authorized representative" is the primary facility contact for correspondence and monitor reporting, and may also be authorized to submit NOIs for future projects. The Authorized Representative must meet the requirements set forth in NDEQ Title 119 Chapter 10.002:

"All other correspondence, reports and DMR's shall be signed by a person designated in 001.01 through 001.04 above or a duly authorized representative if such representative is responsible for the overall operation of the facility from which the discharge originates; the authorization is made in writing by the person designated under 001.01 through 001.04 above; and the written authorization is submitted to the Director."

The Authorized Representative

Authorized Representative: \_\_\_\_\_ Title: \_\_\_\_\_

Employer: \_\_\_\_\_ Tel.: \_\_\_\_\_

Mail Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Is the Authorized Representative authorized to submit future NOIs (Yes or No): \_\_\_\_\_

**7) Previous Projects**

Have the Applicant(s) applied for authorization to discharge storm water under this permit or any other permit previously? \_\_\_\_\_ If so, provide the following information on the most recent project:

NPDES Authorization Number: NER10\_\_\_\_ \_ Approximate Date: \_\_\_\_\_

Project Name & Location: \_\_\_\_\_

Is this project a continuation of any previous project? \_\_\_\_\_ If so provide the following for the previous project:

NPDES Authorization Number: NER10\_\_\_\_ \_ Approximate Date: \_\_\_\_\_

Project Name & Location: \_\_\_\_\_

**8) Additional Information that may be Pertinent (Optional)**

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**9) Other Discharge Requirements:**

Is storm water from this site discharged within the city limits of Omaha or Lincoln? \_\_\_\_\_

If yes, the city will need to be notified. Has this been accomplished? \_\_\_\_\_

If yes, please provide City contact's name: \_\_\_\_\_

If not, explain or provide notice schedule: \_\_\_\_\_

Is storm water discharged to a storm water conveyance owned or maintained by any other local city, county

or drainage district? \_\_\_\_\_ If yes, please specify: \_\_\_\_\_

Have local government agencies been contacted concerning any local requirements? \_\_\_\_\_

Is this project in compliance with local stormwater regulations concerning water quality, erosion control and flow attenuation? If not, explain.

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Has the US Army Corps of Engineers been contacted concerning CWA § 404 requirements? \_\_\_\_\_

Is the project subject to CWA § 404 requirements? \_\_\_\_\_

If yes, has a § 404 permit application been submitted? \_\_\_\_\_

Has a § 404 permit been issued? \_\_\_\_\_

If a § 404 permit is required, but has not yet been obtained please explain status: \_\_\_\_\_

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Has the local NRD been contacted concerning this project? \_\_\_\_\_

Does the NRD have any regulations that relate to this project? If yes, please explain: \_\_\_\_\_

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**10) Certification**

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

I further certify that:

- 1) I, or qualified members of my staff, have reviewed and understand the terms and conditions of NPDES General Permit Number NER100000;
2. the construction site(s) identified in Section 1 of this NOI meets the "Applicability" requirements and is not excluded by the "Limitation of Coverage" requirements, set forth in Section B of the permit; and
3. I understand that the submission of this NOI obligates the owner, developer and/or operator identified in this NOI to comply with the terms and conditions of the Permit NER100000, provided authorization to discharge is obtained.

\_\_\_\_\_  
Signature of Cognizant Official #1 or Authorized Representative \*\*

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name and Title of Cognizant Official #1 or Authorized Representative

\*\* If two or more applicants were identified on page two of the application, the cognizant officials for each must sign this form, unless an Authorized Representative was previously designated by the same group of applicants.

\*\* If this form is signed by an Authorized Representative, specify when and how was this authorized?  
(e.g., letter of 8/1/97 for Prairie Estates in Kearney or NOI submitted on 8/2/97 for NER10002)

\_\_\_\_\_  
Signature of Cognizant Official #2

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name and Title of Cognizant Official #2

\_\_\_\_\_  
Signature of Cognizant Official #3

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name and Title of Cognizant Official #3

Submit the completed NOI to:

Mail Address:

NPDES Municipal and Industrial Section  
Nebraska Department of Environmental Quality  
PO Box 98922  
Lincoln, NE 68509-8922

Location Address:

NPDES Municipal and Industrial Section  
Nebraska Department of Environmental Quality  
1200 'N' Street, The Atrium, Suite 400  
Lincoln, NE 68509

# Nebraska Department of Environmental Quality

## NPDES Municipal and Industrial Section Water Quality Division

1200 'N' Street, Suite 400, The Atrium  
PO Box 98922  
Lincoln, NE 68509-8922  
Tel. 402/471-4220  
Fax 402/471-2909

### Application Instructions NPDES General Permit for Storm Water Discharges from Construction Sites NER100000

**General** - Application for the permit is made by submitting a Notice of Intent (NPDES Form CSW-NOI). The CSW-NOI form requires applicants to certify that they are familiar with the terms and conditions of the permit, and that they agree to comply with them. Therefore, it is important that you review and understand the permit prior to submitting the CSW-NOI form. In some instances a written authorization must be issued by the Department. However, if a written authorization is not required, discharge authorization is granted 7 days after the Department receives the CSW-NOI form.

**Step 1** - Review the permit. The permit summary sheet is a good starting point, but the permit itself needs to be reviewed in its entirety. The information in Permit Sections B, C, D and F will probably prove to be the most pertinent to applicants.

**Permit Section B** - Make certain the permit applies to your construction or development site. In general, construction sites of 5 acres or more are required to seek coverage under an NPDES permit and this permit can be used to provide that coverage in most circumstances. This permit also has application to construction and demolition debris landfill sites.

**Permit Section C** - Sections C.1 thru C.4 explain the Notice of Intent process. It is not necessary for you to review Appendix C referenced in Section C.2 because the information described is contained in the CSW-NOI form. Section C.7 contains requirements for project start-up and completion that are separate from the Notice of Intent process.

**Permit Section D** - This section describes the Storm Water Pollution Prevention Plan that all permittees must develop and implement. It is very important that you understand these requirements and that you can comply with them. Failure to implement an effective SWPPP would be a violation of the permit.

**Permit Section F** - Note the two narrative limits on toxicity and aesthetics in Sections F.1 and F.2.

**Step 2** - Complete and submit the NPDES Form CSW-NOI. This form is an attachment to the permit and should be located immediately following page 34 of the permit. **Do not confuse the CSW-NOI form with the CSW-START form.** The CSW-START form is a much shorter form used to comply with the reporting requirements found in Permit Section C.7.

In most instances, a CSW-NOI form needs to be submitted for each project site. However, public agencies and private companies that do routine construction activities on right-of-ways (e.g., public road departments, pipeline companies, railroads, etc.) may submit CSW-NOI forms on an annual basis with a schedule of their planned projects. The submission of the annual CSW-NOI form does not preclude said agencies or companies from submitting additional CSW-NOI forms for site specific projects as well.

Attachments may be used to supplement the CSW-NOI form. Any attachments used needs to be referenced in the appropriate section of the CSW-NOI form.

**CSW- NOI Section 1** - Identify the name and location of the project.

**Step 2** (Continued)

**CSW- NOI Section 2** - Provide the site map(s) requested. Note that map requirements vary dependent upon site size and project type.

**CSW- NOI Section 3** - Provide the information requested. The project description may be very brief; for example, residential housing development, or road construction activity. The schedule submitted may also be brief, but many projects may require a brief attachment. When possible, it is advantageous to submit an accurate start date for projects because if the start date is accurate within 30 days a the CSW-START form need not be submitted later. The last question in this section relates to the presence of any pre-existing contamination on the site (e.g., a leaking underground storage tank or an illegal dumping site). If such contamination exists, it must be noted and the proposed clean-up procedures to be taken need to be described.

**CSW- NOI Section 4** - Identify the receiving stream and then consult Appendix B to determine if it is listed. If a receiving stream is listed, written discharge authorization from the Department is required. For linear right-of-way projects that cross the drainages of multiple receiving streams, it is only necessary to identify any receiving stream(s) identified in Appendix B.

**CSW- NOI Section 5** -Permits may be issued to “**owners**”, “**developers**” and/or “**contractors**”. Generally, only one individual, company or agency takes responsibility for permit compliance. However, there may be instances where 2 or more individuals, companies or agencies wish to share responsibilities for permit compliance. The CSW-NOI form has space for up to 3 applicants, but only one applicant needs to be identified. The applicant(s) identified will be responsible for permit compliance provided the cognizant official signs on page 6 of the form (i.e., if 2 applicants are identified but the cognizant official for only one applicant signs the CSW-NOI form, then only the applicant that signed the CSW-NOI form would be responsible for permit compliance).

**CSW- NOI Section 6** - The “**Authorized Representative**” is the primary contact for the applicant for such matters as coordinating on-site inspections and discussing initial inspection findings. Only one authorized representative should be identified. If the applicant intends to submit additional NOIs in the future, the “authorized representative” may be authorized to sign future NOIs. This is not an option that is recommended, but may be advantageous for permittees with multiple projects on right-of-ways.

**CSW- NOI Section 7** - Provide the information requested on previous projects carried out by the applicant. Also indicate whether this project is a continuation of a previous project. This later request is primarily aimed at identifying previous projects by the same applicant. Applicants are not responsible for identifying projects that may have been initiated by others, although this information may be provided if they have knowledge of the previous project.

**CSW- NOI Section 8** - This space may be used to provide any additional information the applicant(s) feel is pertinent. Completion of this section is not required.

**CSW- NOI Section 9** - Completion of this section is intended to remind the applicant of other regulations that may apply to their project. **Completion of this section is required.** The Clean Water Act (CWA) §404 permit program requirements potentially apply to any project that impacts a wetland area or involves the disturbance of a stream channel.

**CSW- NOI Section 10** - The CSW-NOI form must be signed by the appropriate person. In most instances this is the **cognizant official**. However, if the applicant has submitted a previous CSW-NOI form and has previously authorized the “authorized representative” to sign CSW-NOI forms for them (See Section 6 of the CSW-NOI form), the “authorized representative” may sign the form.

**Step 3** - Submit the completed CSW-NOI form and any attachments to the address shown on the bottom of the form. Applicants may want to request a return receipt from their postal or commercial carrier service so that they know when the application was received by the Department and if written discharge authorization is not required, when discharge authorization occurs (i.e., 7 days after receipt).

# Nebraska Department of Environmental Quality

NPDES Municipal and Industrial Section

Water Quality Division

1200 'N' Street, Suite 400, The Atrium

PO Box 98922

Lincoln, NE 68509-8922

Tel. 402/471-4220

Fax 402/471-2909

## NPDES Form SW-SEMR - Storm Event Monitoring Report

Reporting is required for all storm event monitoring activities in which quantitative analyses for storm water pollutants is conducted. Monitoring results are to be submitted to the Department within 30 days following the monitoring event, unless a Department approved extension is provided. Certain parts of this form may not apply to all monitoring events. If the information requested is not available, please write-in: "Not Available". Attachments may be used to supplement this form provided they are referenced or identified in this form.

### 1) Facility Identification:

NPDES Authorization Number: NER 1 0 \_\_\_\_\_

Permit Number NER100000

Facility Name: \_\_\_\_\_

Facility Location: \_\_\_\_\_

### 2) Precipitation Event Information:

Duration (Hrs): \_\_\_\_\_ Magnitude (Inches): \_\_\_\_\_

Start of Precipitation Event (Date/Time) \_\_\_\_\_

End of Precipitation Event (Date/Time) \_\_\_\_\_

Time Elapsed Between Event Sampled and Previous Precipitation Event \_\_\_\_\_

### 3) Monitoring Information: Supply the following information for each outfall monitored.

Outfall Designation (#) \_\_\_\_\_

Monitoring Started (Date/Time) \_\_\_\_\_

Monitoring Ended (Date/Time) \_\_\_\_\_

Discharge Volume (Gallons) \* \_\_\_\_\_

\* The volume of storm water discharged may be measured or calculated; see permit Section F.3.b.

Provide or attach a brief explanation of the sampling procedures used (i.e., grab, time composite, or flow proportioned composite), and list the pollutants monitored at each outfall. Provide pollutant specific and outfall specific information when necessary. See permit Section F.2 for sampling procedure requirements.

**4) Monitoring Results:** Provide or attach all discharge monitoring event test results, and identify the laboratory(s) and test methods used. All attached pages must be identified by page numbers or other identifying designations. Examples: ABC Lab report No. 010198-0765 (3 pages); or See attached pages designated A1 thru A6.

**5) Other Information:** Provide or attach any other information pertinent to this monitoring report.

**6) Certification and Signature**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted, based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. See 18 U.S.C. § 1001 and 33 U.S.C. § 1319, and Neb. Rev. Stat. §§ 81-1508 thru 81-1508.02.

Signature of Authorized Representative or Cognizant Official \*\*

Date

Printed Name

Title

\*\* The qualifications and responsibilities of the "cognizant official" are set forth below and in NDEQ Title 119 Chapter 10.001:

All permit applications submitted to the Department shall be signed:

001.01 In the case of corporation, by a principal executive officer of at least the level of vice-president;

001.02 In the case of a partnership, by a general partner;

001.03 In the case of a sole partnership, by a general partner; and

001.04 In the case of a municipal, State or other public facility by either a principal executive officer or ranking elected official."

\*\* The qualifications and responsibilities for the "authorized representative" are set forth in NDEQ Title 119 Chapter 10.002:

"All other correspondence, reports and DMR's shall be signed by a person designated in 001.01 through 001.04 above or a duly authorized representative if such representative is responsible for the overall operation of the facility from which the discharge originates; the authorization is made in writing by the person designated under 001.01 through 001.04 above; and the written authorization is submitted to the Director."

Submit the completed NOI to:

Mail Address:

NPDES Municipal and Industrial Section  
Nebraska Department of Environmental Quality  
PO Box 98922  
Lincoln, NE 68509-8922

Location Address:

NPDES Municipal and Industrial Section  
Nebraska Department of Environmental Quality  
1200 'N' Street, The Atrium, Suite 400  
Lincoln, NE 68509

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Water Quality Division

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## NPDES Form CSW-START - Notice of Start-up of Construction Activity

This form may be used to notify the Department that construction activity has been started at a site having coverage under the NPDES general permit for storm water discharges from construction sites, NER100000. Submittal of this form fulfills the requirements of Section C.7.a of the permit.

This form is not the Notice of Intent or NOI form which is used to request discharge authorization. An NOI must be submitted prior to or concurrent with this form to obtain discharge authorization.

NPDES Authorization Number: NER 1 0 \_\_\_\_\_ Permit Number NER100000

Facility Name: \_\_\_\_\_

Facility Location: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Date Construction Activities were or will be Commenced: \_\_\_\_\_

Signature of Authorized Representative or Cognizant Official \*\*

Date

Printed Name

Title

\*\* The qualifications and responsibilities of the "cognizant official" are set forth below and in NDEQ Title 119 Chapter 10.001:

All permit applications submitted to the Department shall be signed:

001.01 In the case of corporation, by a principal executive officer of at least the level of vice-president;

001.02 In the case of a partnership, by a general partner;

001.03 In the case of a sole partnership, by a general partner; and

001.04 In the case of a municipal, State or other public facility by either a principal executive officer or ranking elected official."

\*\* The qualifications and responsibilities for the "authorized representative" are set forth in NDEQ Title 119 Chapter 10.002:

"All other correspondence, reports and DMR's shall be signed by a person designated in 001.01 through 001.04 above or a duly authorized representative if such representative is responsible for the overall operation of the facility from which the discharge originates; the authorization is made in writing by the person designated under 001.01 through 001.04 above; and the written authorization is submitted to the Director."

Submit the completed form to:

Mail Address:

NPDES Municipal and Industrial Section  
Nebraska Department of Environmental Quality  
PO Box 98922  
Lincoln, NE 68509-8922

Location Address:

NPDES Municipal and Industrial Section  
Nebraska Department of Environmental Quality  
1200 'N' Street, The Atrium, Suite 400  
Lincoln, NE 68509

# Nebraska Department of Environmental Quality

## NPDES Municipal and Industrial Section Water Quality Division

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Fax 402/471-2909

### NPDES Form CSW-END - Notice of Completion of Construction Activity

This form may be used to fulfill the requirements of Section C.7.b of the NPDES general permit for storm water discharges from construction sites, NER100000. This notice should be submitted when 95% of a permitted construction site has been stabilized with perennial vegetation or other permanent cover. Coverage under the permit is typically terminated 180 days after 95% of the site is stabilized (See permit Section B.4.a).

NPDES Authorization Number: NER   1     0   \_\_\_\_\_ Permit Number NER100000

Facility Name: \_\_\_\_\_

Facility Location: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Date when 95% of the area of the site was stabilized: \_\_\_\_\_

Proposed date for ending permit coverage: \*\* \_\_\_\_\_

\*\* Must be at least 180 days after the date when 95% of the site was stabilized.

Signature of Authorized Representative or Cognizant Official \*\*

Date

Printed Name

Title

\*\* The qualifications and responsibilities of the "cognizant official" are set forth below and in NDEQ Title 119 Chapter 10.001:

All permit applications submitted to the Department shall be signed:

001.01 In the case of corporation, by a principal executive officer of at least the level of vice-president;

001.02 In the case of a partnership, by a general partner;

001.03 In the case of a sole partnership, by a general partner; and

001.04 In the case of a municipal, State or other public facility by either a principal executive officer or ranking elected official."

\*\* The qualifications and responsibilities for the "authorized representative" are set forth in NDEQ Title 119 Chapter 10.002:

"All other correspondence, reports and DMR's shall be signed by a person designated in 001.01 through 001.04 above or a duly authorized representative if such representative is responsible for the overall operation of the facility from which the discharge originates; the authorization is made in writing by the person designated under 001.01 through 001.04 above; and the written authorization is submitted to the Director."

Submit the completed form to:

Mail Address:

NPDES Municipal and Industrial Section  
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PO Box 98922  
Lincoln, NE 68509-8922

Location Address:

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Nebraska Department of Environmental Quality  
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Lincoln, NE 68509

# **Nebraska Department of Environmental Quality**

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### **Summary NPDES General Permit for Storm Water Discharges from Construction Sites NER100000 (Updated March 16, 2000)**

#### **Section A - Summary of Permit Contents (p. 2)**

This section is a table of contents and provides a overview of the permit.

#### **Section B - Applicability (pp. 3 & 4)**

This section describes the type of sites covered and the time period over which they are covered under the permit. In addition to construction sites, this permit is applicable to disposal areas for construction and demolition (C&D) wastes. C&D disposal areas require an NPDES storm water permit if their operations involve grading or excavation on 5 or more acres.

#### **Section C - Notification and Discharge Authorization Procedures (pp. 5 - 8)**

Sections C.1 thru C.3 (p. 5) describe procedures for submitting a Notice of Intent (NOI) which serves as the application for the permit. Appendix C describes the information required in an NOI. It is not generally necessary to review Appendix C, because all of the pertinent information is requested in the CSW-NOI form attached to the back of the permit.

Section C.4 (p. 6) describes how discharge authorizations are granted. There are circumstances under which written discharge authorization from the Department is required. If these do apply to your site, discharge authorization is granted 7 days after the Department receives the completed CSW-NOI form.

Sections C.5 or C.6 (pp. 6 - 7) describe procedures for revoking permits or requiring application for alternative permits. Reasons for such requests are explained in these sections. In general, such actions may be taken if water quality concerns arise relative to your site.

Section C.7 (p. 8) sets forth requirements for notifying the Department of project start-up and finish. A start-up notice is not required if the start date submitted on the CSW-NOI form is accurate within 30 days. Forms for notifying the Department of project start-up and completion are attached to the back of the permit.



**Section D - Storm Water Pollution Prevention Plan (SWPPP) (pp. 8-13)**

This is the most important section of the permit with respect to controlling pollutant discharges from your site. This section needs to be reviewed in detail so that you can ensure your site is in compliance with the permit. An effective SWPPP will need to be implemented at your site.

**Section E - Monitoring Requirements and Procedures (pp. 13 - 14)**

The monitoring of storm water from your site is not required unless the Department requests it. Therefore, a thorough knowledge of this section's contents is not necessary unless such a request is made.

**Section F - Other Conditions and Requirements (pp. 14 - 15)**

This section contains general restrictions on the discharge of materials that are toxic to aquatic life or that degrade stream aesthetics.

**Section G - Periodic Reporting and Record Keeping Requirements (p. 15)**

This section contains a summary of the reporting and record keeping requirements contained in the permit. Periodic review of this section may prove useful to avoid an unintentional lapse in meeting these requirements.

**Appendix A - Standard Conditions for NPDES and NPP Permits (pp. 16 - 27)**

Section G.8 (p. 15) provides a summary of the reporting record keeping requirements in this rather lengthy appendix. Pages 25 thru 27 of the appendix define terms and abbreviations used in the permit.

**Appendix B - Water Bodies Where Written Discharge Authorization is Required (pp. 28 - 30)**

This appendix is a reference to be used in filling out the CSW-NOI form. This appendix contains a county by county listing of receiving streams to which written discharge authorization is required.

**Appendix C - Information and Signatures Required in NOIs (pp. 31 - 34)**

This appendix describes the information that must be included in an NOI. Review of this appendix is not required because the CSW-NOI form meets these requirements. However, if you have questions concerning what is being requested on the CSW-NOI form, this appendix may prove helpful.

## SECTION TABLE OF CONTENTS

## DIVISION 01 - GENERAL REQUIREMENTS

## SECTION 01500

## MEASUREMENT AND PAYMENT

**6/2000**

## PART 1 BID ITEM 1 - DREDGING

- 1.1 Work Included
- 1.2 Measurement
- 1.3 Payment

## PART 2 BID ITEM 2 - PLACE QUARRIED STONE AT INLET AND OTLET STRUCTURES

- 2.1 Work Included
- 2.2 Measurement
- 2.3 Payment

## PART 3 BID ITEM 3 - SALVAGED STONE

- 3.1 Work Included
  - 3.1.1 Measurement
- 3.2 Payment

## PART 4 BID ITEM 4 - ALL REMAINING WORK

- 4.1 Work Included
- 4.2 Measurement and Payment

## PART 5 OPTION 1 - GOOSE LAKE EXCAVATION

- 5.1 Work Included
- 5.2 Measurement
- 5.3 Payment

## PART 6 OPTION 1 - GOOSE LAKE SALVAGED STONE

- 6.1 Work Included
- 6.2 Measurement
- 6.3 Payment

## PART 7 OPTION 1 - ALL REMAINING WORK

- 7.1 Work Included
- 7.2 Measurement and Payment

-- End of Section Table of Contents --



## SECTION 01500

## MEASUREMENT AND PAYMENT

6/2000

## SCOPE

This section covers the methods and procedures which will be used to measure the Contractor's work and to effect payment.

## GENERAL

The general outline of the principal features of each item as listed does not in any way limit the responsibility of the Contractor for making a thorough investigation of the Drawings and Specifications to determine the scope of work under the entire Contract. Payment to the Contractor of the amounts based on the quantities of work as measured in accordance with the specified methods of measurement and the prices stipulated in the accepted proposal will constitute complete compensation for all work shown on the Drawings, provided in the specifications or other Contract Documents and all costs of accepting the general risks, liabilities and obligations expressed or implied. Payment under all items shall include, but not necessarily be limited to, compensation for furnishing all supervision, labor, equipment, and materials and services (including overhead and profit), as well as performing all work required to accomplish and complete the work specified under each item and all other work required. Measurement and Payment methods will apply to the appropriate pricing in Option A - Goose Lake: Excavation/Dredging, as well as in the BASE BID indicated in the BIDDING SCHEDULE.

## LUMP SUM ITEMS

## Quantities

The quantities under lump sum items will not be measured except for the purpose of determining reasonable interim payments.

## Interim Payments

Interim payments will be made in accordance with the estimated value of work done as determined by the CO or as specified in this section, and in accordance with contract clause for payments.

## PART 1 BID ITEM 1 - DREDGING

## 1.1 Work Included

The work includes all material, equipment and labor necessary for dredging the designated chute and disposal of dredged material as specified. Any dredging or excavation required directly for constructing the inlet or outlet structures, or for lowering dikes, is not included in this item. Rather, those activities would be part of All Remaining Work.

## 1.2 Measurement

Per Cubic Yard (CY). The quantity of dredged material and disposal shall be determined based upon an initial and final topographic survey of the existing and final ground surface of the final dredged elevation, at the Contractor's expense. The Contractor shall establish dredged elevations by surveying and mapping the dredged area at a minimum of 1 foot contour intervals and at all changes in grade greater than 1 foot. The initial topographic survey shall be performed after clearing and grubbing. A final as built topographic survey shall then be performed and mapped after the dredging is complete. Measurements will be made to the nearest one-tenth foot and volume determined to the nearest whole cubic yard. Materials removed by the Contractor below the specified grade line will not be paid for. See Section 2325N, paragraph 1.4 for definition of non-compensable over depth, and net additional over depth.

## 1.3 Payment

Applicable unit price times the number of compensable cubic yards of dredged material.

## PART 2 BID ITEM 2 - PLACE QUARRIED STONE AT INLET AND OTLET STRUCTURES

### 2.1 Work Included

The work of this item shall include but not be limited to labor, equipment, materials, gradation testing, and performing all operations in connection with furnishing, transporting, and placing new quarried stone as required by drawings and specifications in connection with constructing both the upper and lower inlet structures as directed by the drawings and specifications.

### 2.2 Measurement

Per Ton. Quarried Stone will be measured for payment by the number of tons of quarried stone satisfactorily placed as specified. The quarried stone material shall be weighed: (1) on public or private scales which have been certified by the State. The Contractor shall furnish the Government Inspector a copy of each printed weigh bill when self printing scales are used, or a copy signed by a public or bonded weigh master as each load is delivered; or (2) quarried stone material may be weighed on the Contractor-furnished scales under the supervision of the Government Inspector. Each printed weigh bill shall contain the following: date, unit number, time of gross, tare and net weight, name of project, contractor, contract number and signature of bonded weigh master. All quarried stone material shall be weighed to the nearest 20 pounds and the net weight reduced to the nearest hundredth of a ton.

### 2.3 Payment

Payment for "Quarried Stone" shall be based on the unit price per ton as indicated on the Bidding Schedule multiplied by the number of tons needed to complete the required work for quarried stone according to drawings and

specifications.

PART 3 BID ITEM 3 - SALVAGED STONE

3.1 Work Included

The work includes all material, equipment and labor for removal of salvaged stone from dike 637.9-A and placement as shown on the drawings and as directed by the COR.

3.1.1 Measurement

The Contractor shall uniformly stockpile salvaged stone after removal for measurement and inspection by Corps of Engineers on-site representative. The Contractor and Corps of Engineers on-site representative will jointly determine the volume of stone prior to placement. The salvaged stone shall be measured in units of cubic yards.

3.2 Payment

Applicable unit price times the number of cubic yards of stone removed and placed.

PART 4 BID ITEM 4 - ALL REMAINING WORK

4.1 Work Included

The work of this item shall include, but not be limited to, labor and equipment needed for the any work required for project completion which is not specifically listed in these specifications as separate payment items. Some such activities include, but are not limited to, clearing and grubbing, remove pilings from dikes, excavate for inlet and outlet structures, final grading, and seeding.

4.2 Measurement and Payment

Lump Sum

PART 5 OPTION 1 - GOOSE LAKE EXCAVATION

5.1 Work Included

The work includes all material, equipment and labor necessary for excavation of the Goose Lake inlet and outlet channel.

5.2 Measurement

Per Cubic Yard (CY).

5.3 Payment

Applicable unit price times the number of compensable cubic yards of excavated material.

## PART 6 OPTION 1 - GOOSE LAKE SALVAGED STONE

## 6.1 Work Included

The work includes all material, equipment and labor for removal of salvaged stone from dikes within Goose Lake and placement as shown on the drawings and as directed by the COR.

## 6.2 Measurement

The Contractor shall uniformly stockpile salvaged stone after removal for measurement and inspection by Corps of Engineers on-site representative. The Contractor and Corps of Engineers on-site representative will jointly determine the volume of stone prior to placement. The salvaged stone shall be measured in units of cubic yards.

## 6.3 Payment

Applicable unit price times the number of cubic yards of stone removed and placed.

## PART 7 OPTION 1 - ALL REMAINING WORK

## 7.1 Work Included

The work of this item shall include, but not be limited to, labor and equipment needed for the any work required for project completion which is not specifically listed in these specifications as separate payment items for Option 1. Some such activities include, but are not limited to, dike removal and seeding.

## 7.2 Measurement and Payment

Lump Sum

-- End of Section --